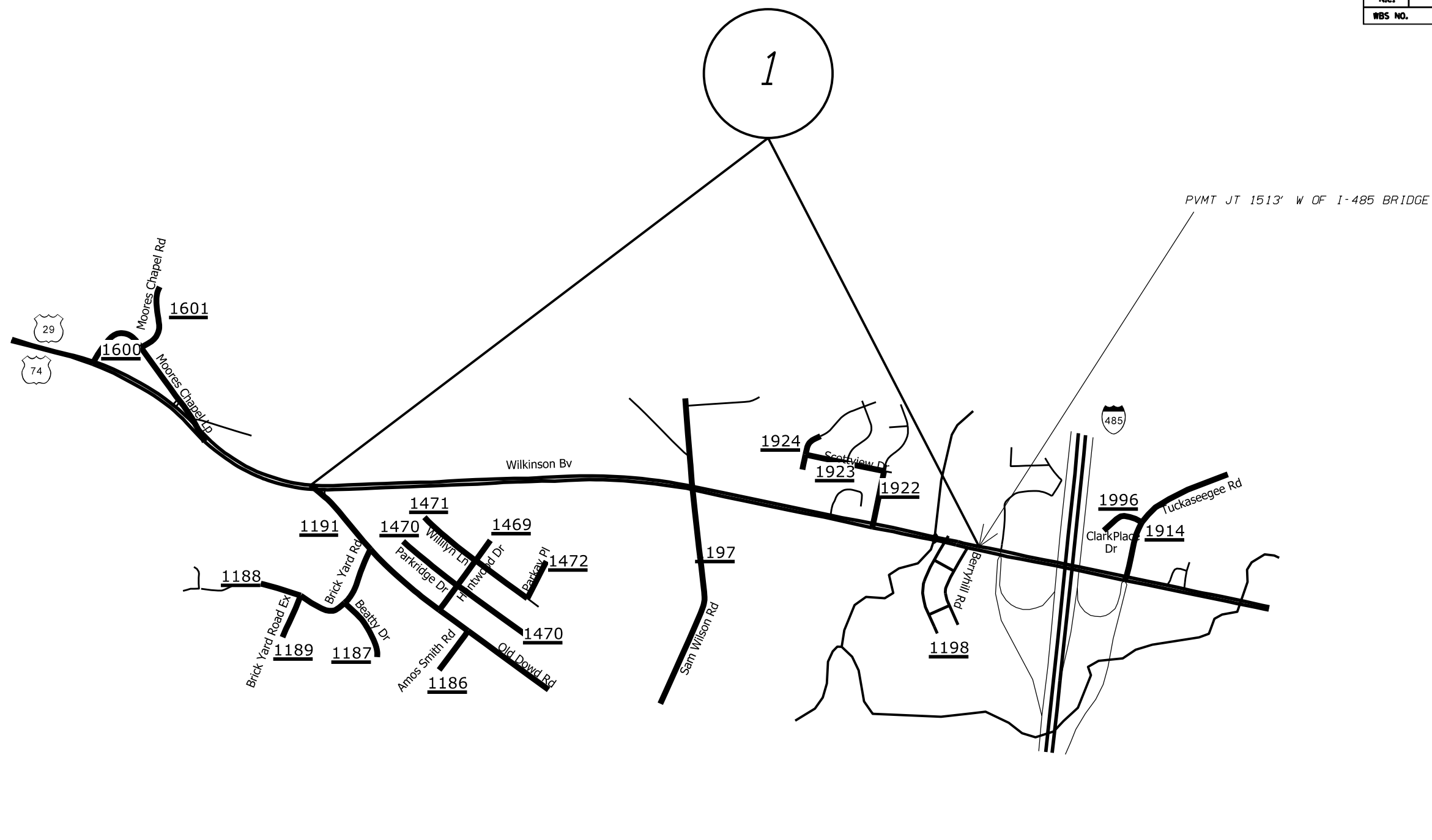


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**This file or an individual page
shall not be considered a certified document.**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		1	
WBS NO.	10CR.10601.108, ETC.		



MAP

1 US 29/74 (WILKINSON BLVD (WB))

DESCRIPTION

FROM PVMT JT W OF I-485 TO SR-1191 (OLD DOWD RD)

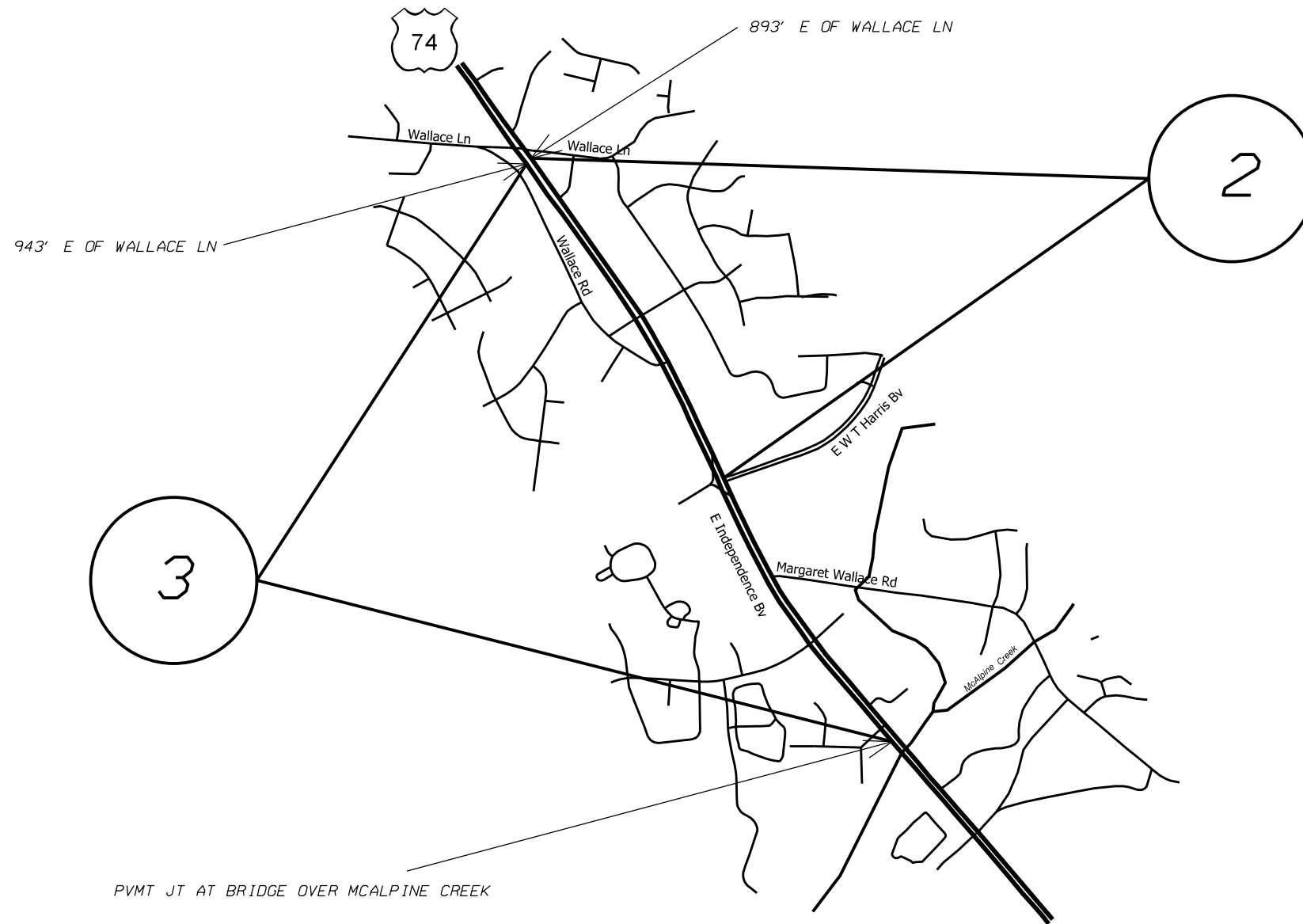
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-
DATE	2/15
DWG. BY	WAT
DESIGN BY	WAT
APPROVED	BDC



REVISIONS	

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		2	
WBS NO.	10CR.10601.108, ETC.		



MAP

DESCRIPTION

2 US 74 (E INDEPENDENCE BLVD (WB))

FROM E OF WALLACE LN TO NC 24 (E WT HARRIS BLVD)

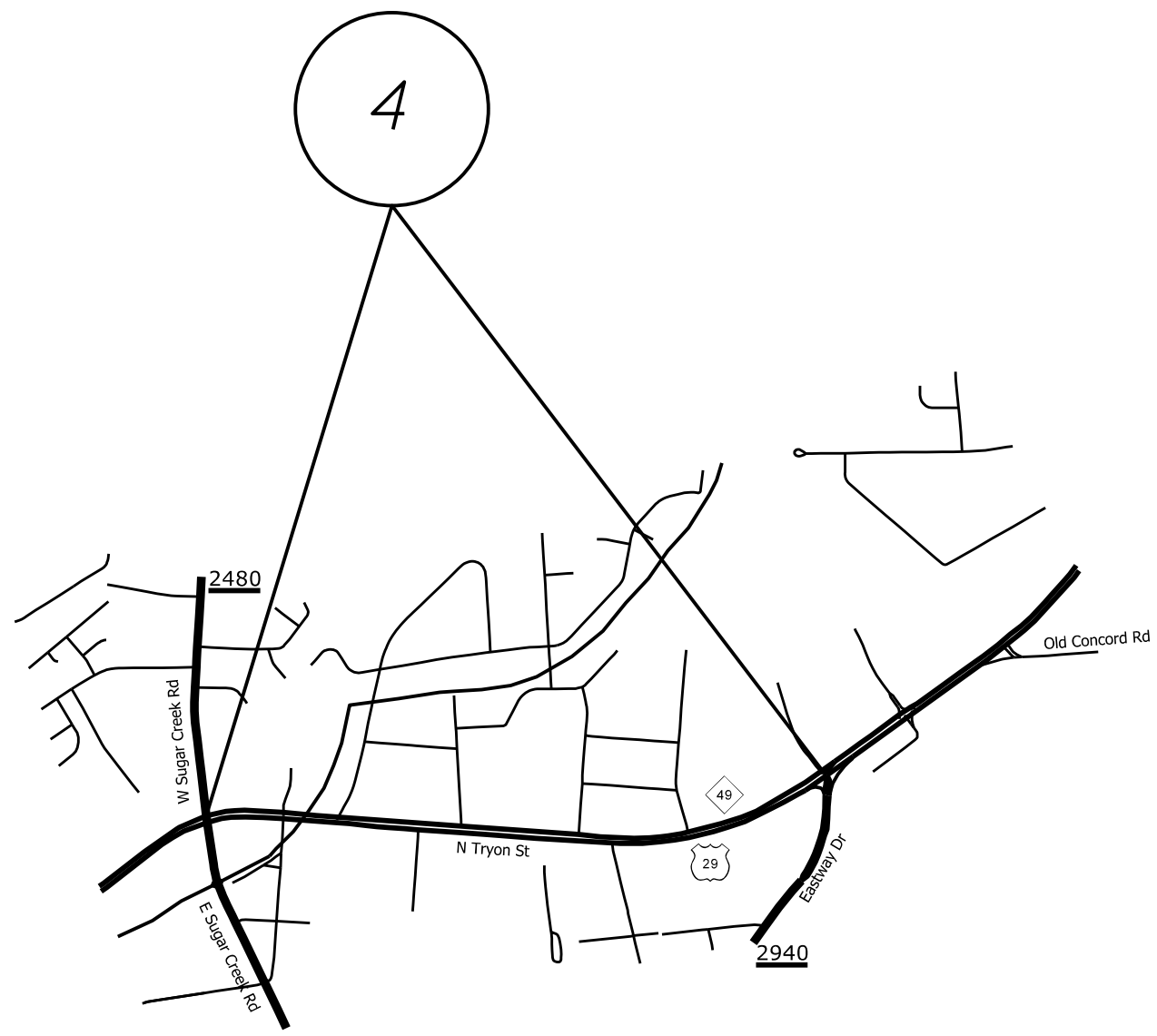
3 US 74 (E INDEPENDENCE BLVD (EB))

FROM E OF WALLACE LN TO PVMT JT AT MCALPINE CREEK BRIDGE

2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-1A-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		3	
WBS NO.	10CR.10601.108, ETC.		




MAP

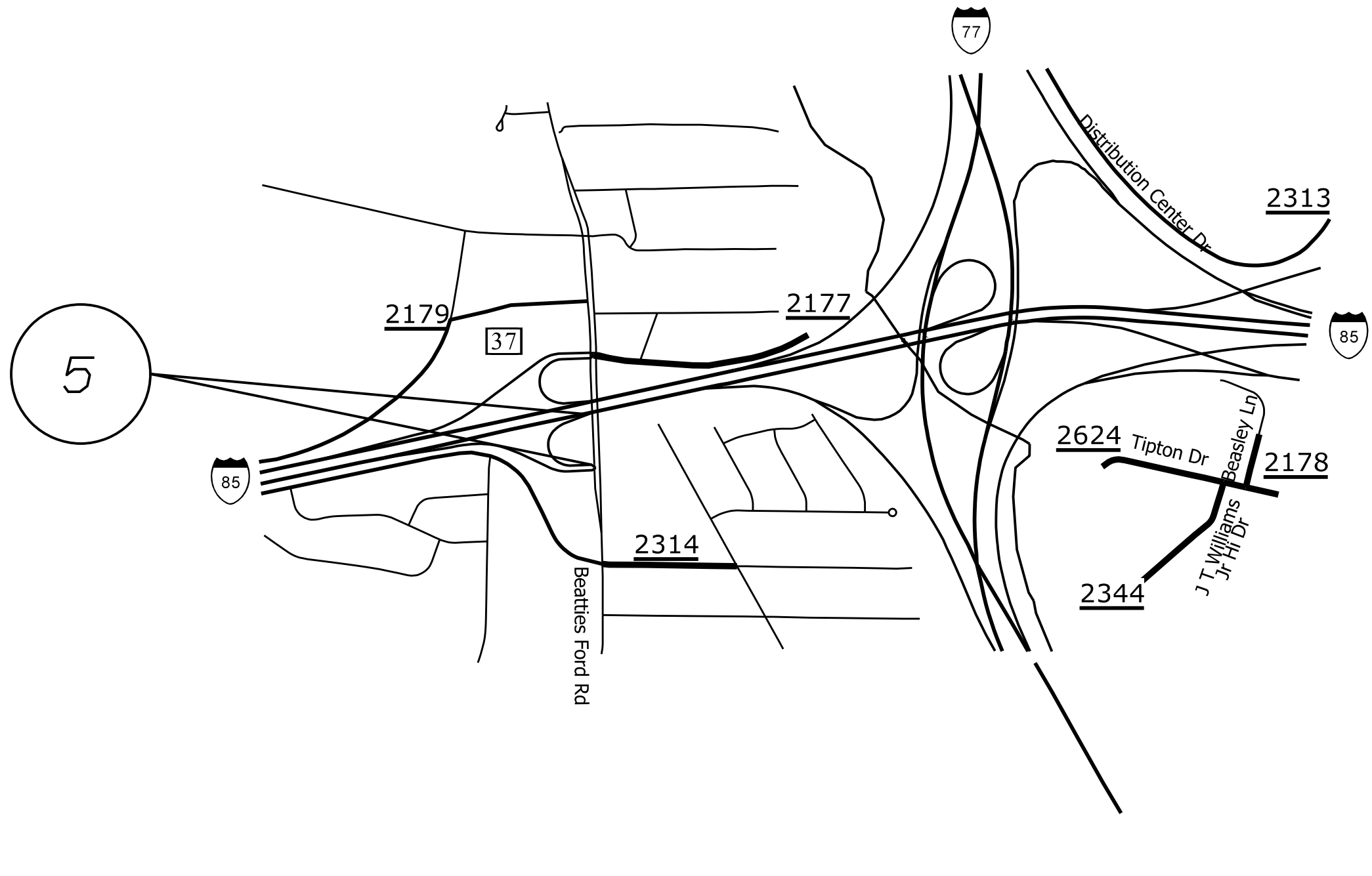
4 US 29/NC 49 (N TRYON ST)

DESCRIPTION

FROM SR-2480 (W SUGAR CREEK RD) TO SR-2940 (EASTWAY DR)

2015/2016 MECKLENBURG COUNTY RESURFACING										
SCALE	-NA-									
DATE	2/15									
DWG. BY	WAT									
DESIGN BY	WAT									
APPROVED	BOC	<table border="1"> <thead> <tr> <th colspan="2">REVISIONS</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </tbody> </table>	REVISIONS							
REVISIONS										

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		4	
WBS NO.	10CR.10601.108, ETC.		



MAP

#5 I-85N ON-RAMP

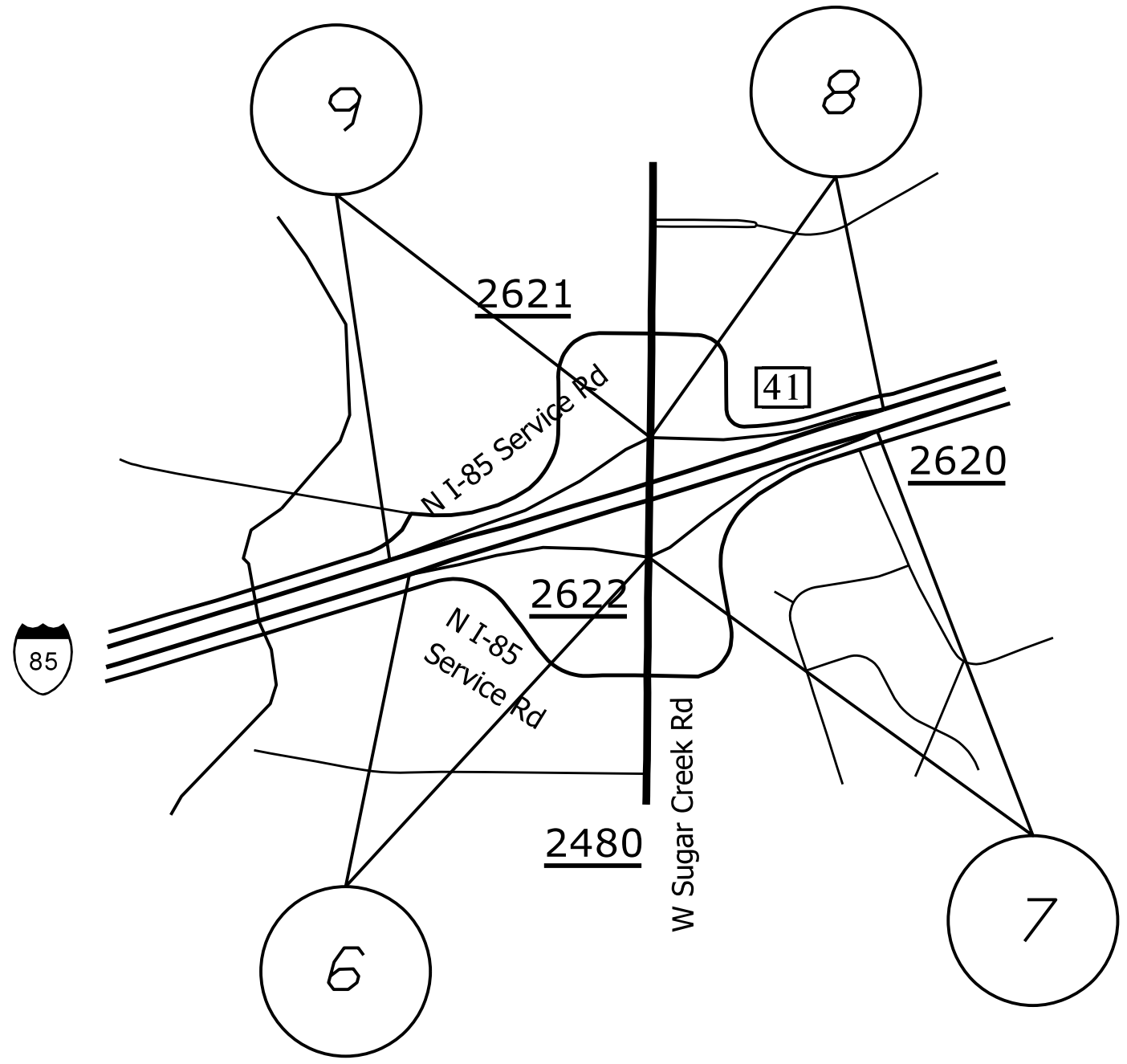
DESCRIPTION

FROM BEATTIES FORD RD TO PVMT JT AT I-85N

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		5	
WBS NO.	10CR.10601.108, ETC.		



MAP


- # 6 I-85N OFF-RAMP
- # 7 I-85N ON-ORAMP
- # 8 I-85S OFF-RAMP
- # 9 I-85S ON-RAMP

DESCRIPTION

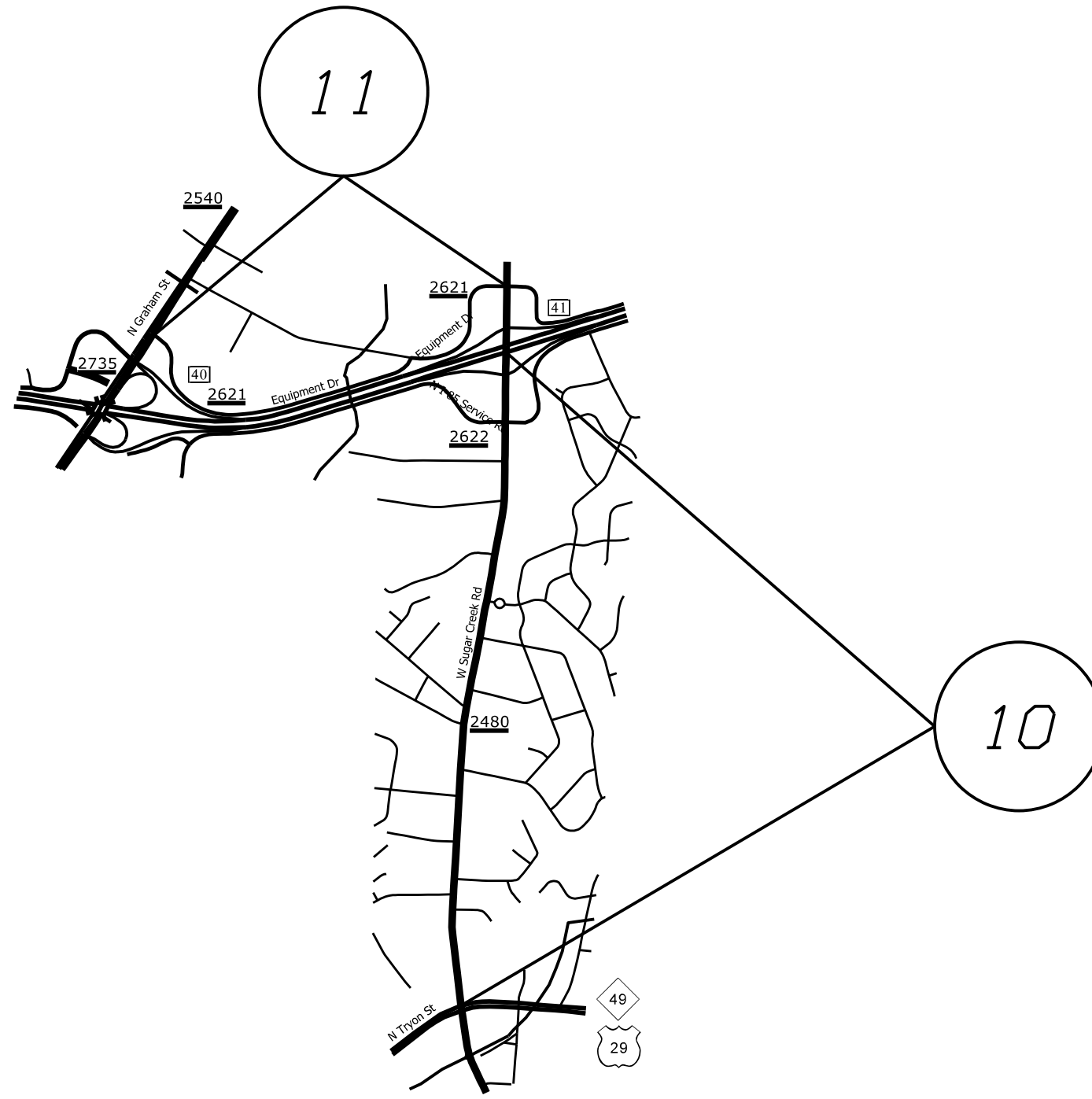
- FROM I-85N TO SR-2480 (W SUGAR CREEK RD)
- FROM SR-2480 (W SUGAR CREEK RD) TO I-85N
- FROM I-85S TO SR-2480 (W SUGAR CREEK RD)
- FROM SR-2480 (W SUGAR CREEK RD) TO I-85S



2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-BA-		REVISIONS	
DATE	2/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BDC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		6	
WBS NO.	10CR.10601.108, ETC.		



MAP

10 SR-2480 (W SUGAR CREEK RD)

11 SR-2621 (EQUIPMENT DR)

DESCRIPTION

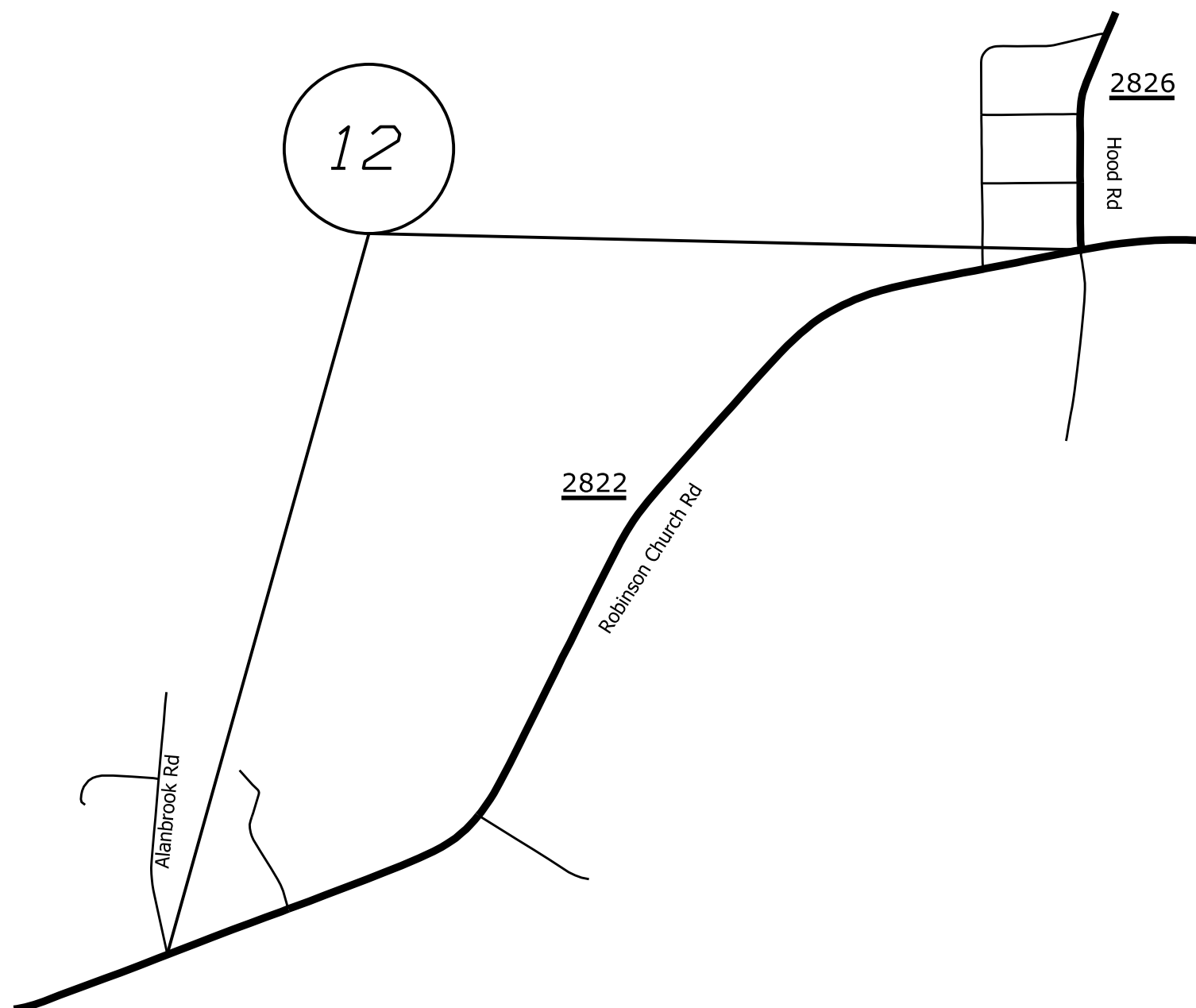
FROM US 29/NC 49 (N TRYON ST) TO BRIDGE OVER I-85

FROM SR-2480 (SUGAR CREEK RD) TO SR-2540 (GRAHAM ST)

2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BDC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		7	
WBS NO.		10CR.10601.108, ETC.	



MAP

12 SR-2822 (ROBINSON CHURCH RD)

DESCRIPTION

FROM SR-2826 (HOOD RD) TO ALANBROOK RD

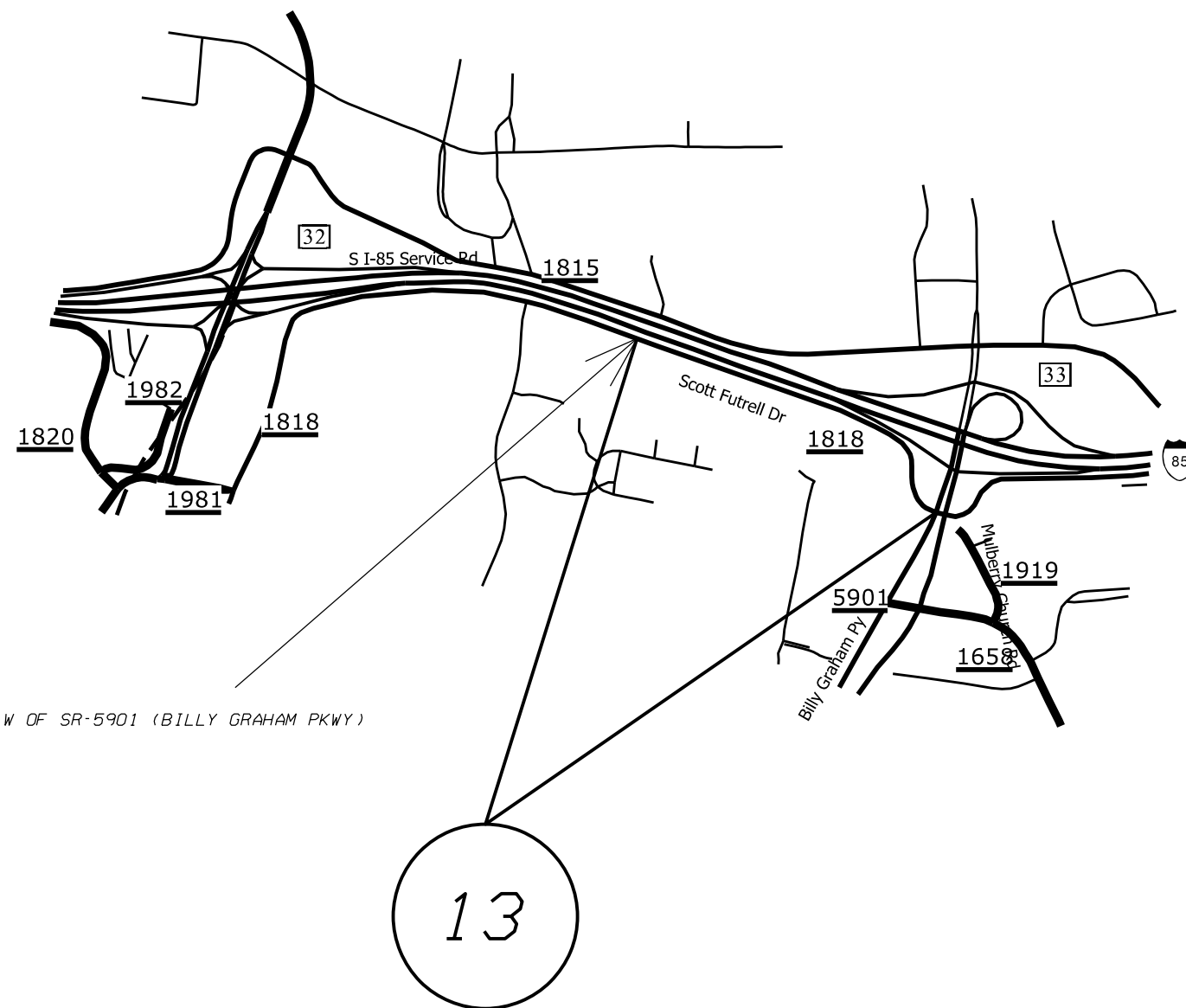
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE -NA-
DATE 2/15
DWG. BY WAT
DESIGN BY WAT
APPROVED BDC



REVISIONS

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		8	
WBS NO.	10CR.10601.108, ETC.		



MAP

13 SR-1818 (SCOTT FUTRELL DR)

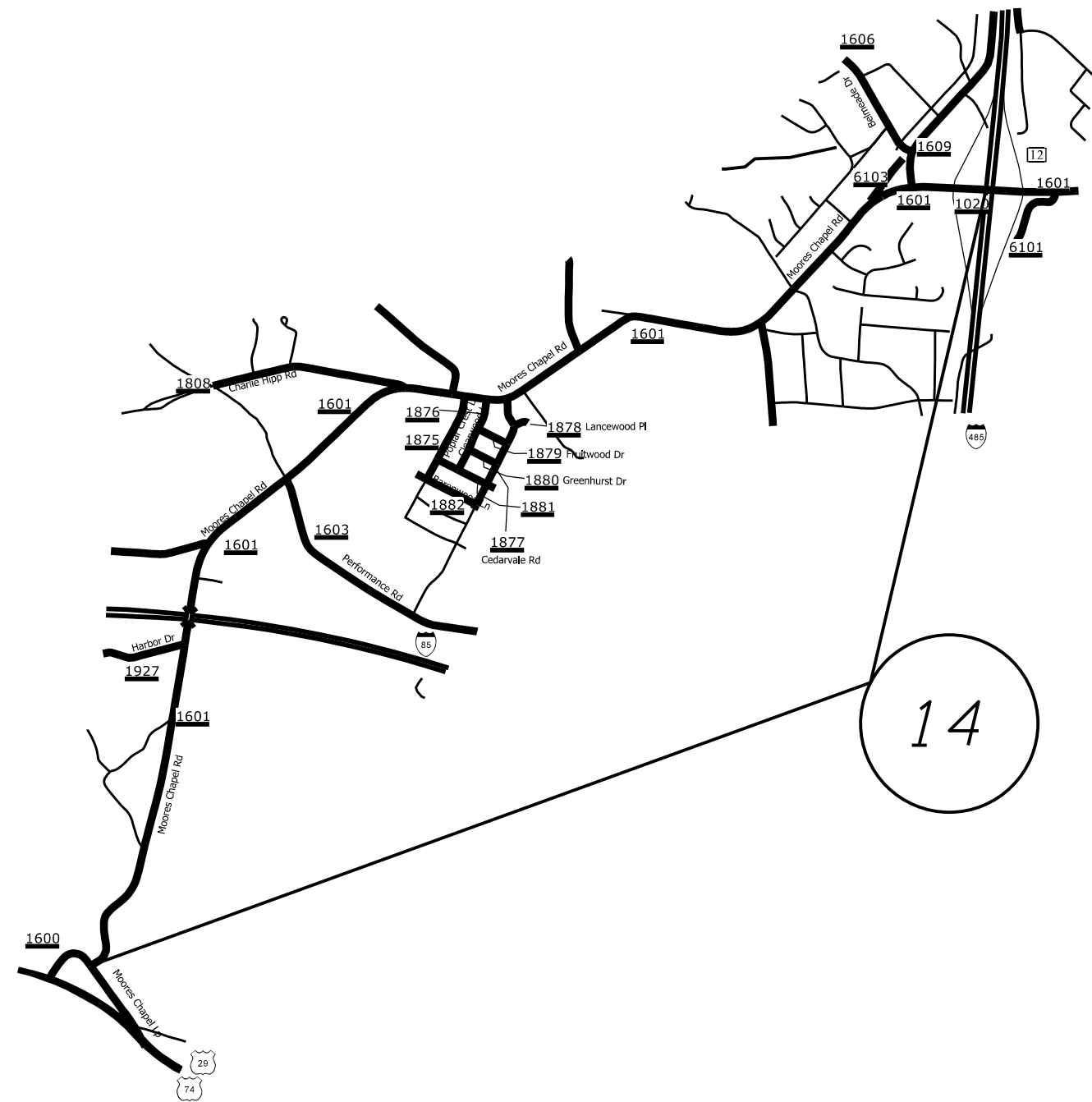
DESCRIPTION

FROM SR-5901 (BILLY GRAHAM PKWY) TO PVMT
JT W OF SR-5901 (BILLY GRAHAM PKWY)

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		9	
WBS NO.		10CR.10601.108, ETC.	

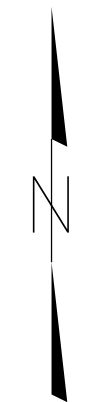


MAP

DESCRIPTION

14 SR-1601 (MOORES CHAPEL RD)

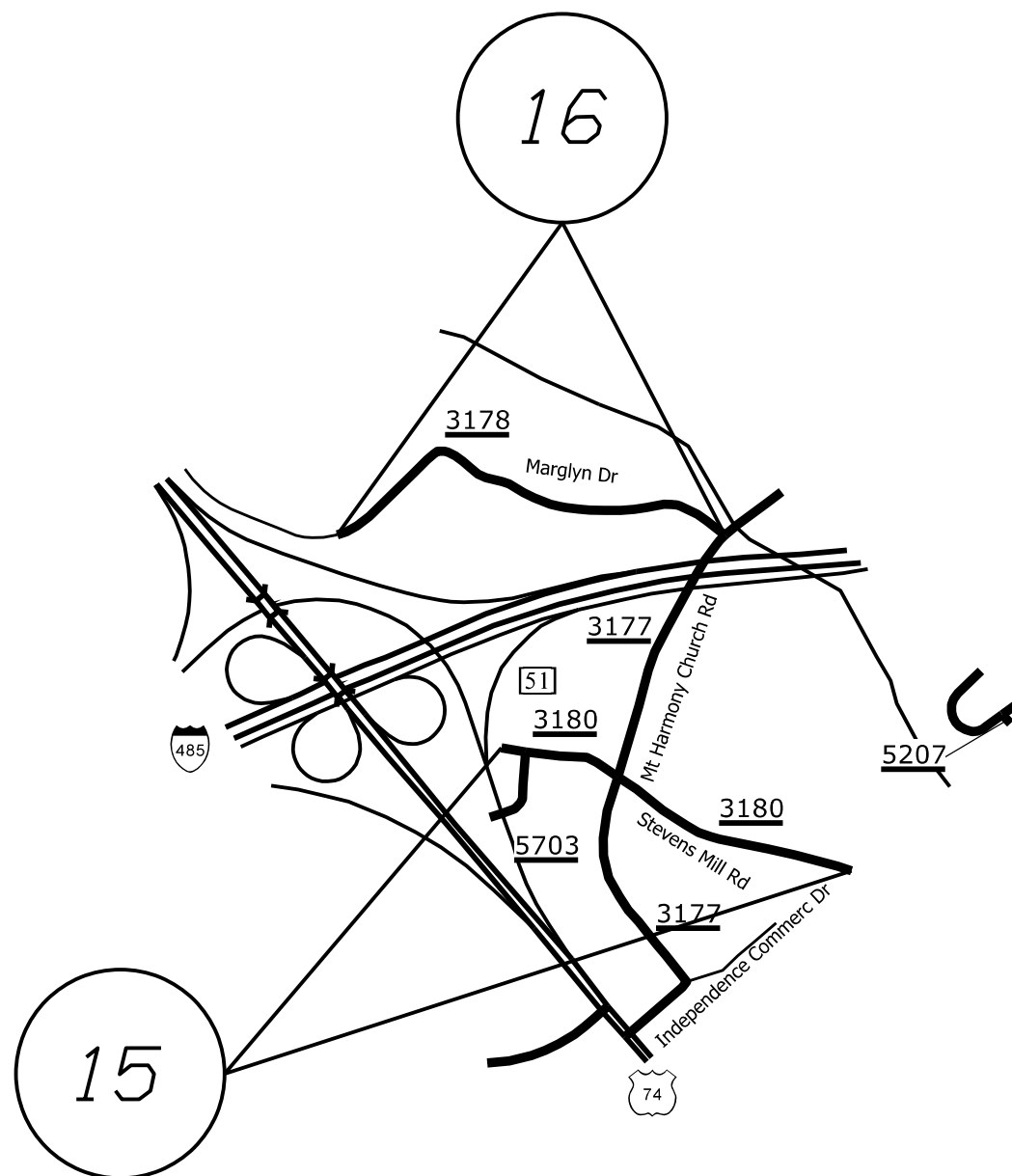
FROM I-485 BRIDGE TO SR-1600 (MOORES CHAPEL LOOP)



2015/2016 MECKLENBURG COUNTY RESURFACING		REVISIONS
SCALE	-NA-	
DATE	2/15	
DWG. BY	WAT	
DESIGN BY	WAT	
APPROVED	BDC	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		10	
WBS NO.	10CR.10601.108, ETC.		



MAP

DESCRIPTION

15 SR-3180 (STEVENS MILL RD)

FROM UNION COUNTY LINE TO END OF MAINTENANCE

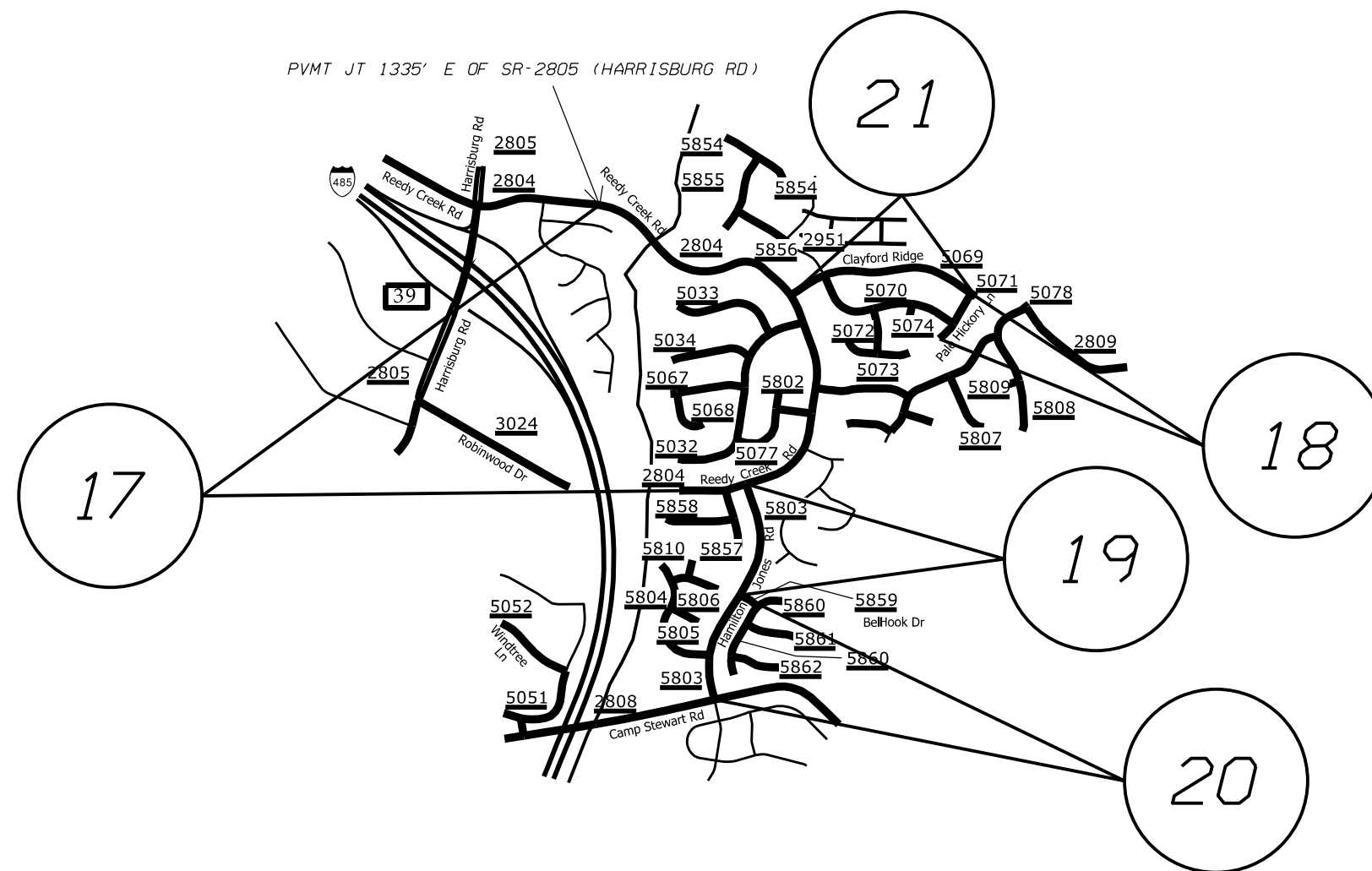
16 SR-3178 (MARGLYN DR)

FROM SR-3177 (MT HARMONY CHURCH RD) TO END OF MAINTENANCE

2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		11	
WBS NO.	10CR.10601.108, ETC.		



MAP

DESCRIPTION

17 SR-2804 (REEDY CREEK RD)

FROM PVMT JT E OF SR-2805 (HARRISBURG RD) TO DEAD END

18 SR-5071 (PALE HICKORY LN)

FROM SR-5069 (CLAYFORD RIDGE) TO DEAD END

19 SR-5803 (HAMILTON JONES DR)

FROM SR-2804 (REEDY CREEK RD) TO SR-5859 (BELLHOOK DR)

20 SR-5803 (HAMILTON JONES DR)

FROM SR-5859 (BELLHOOK DR) TO SR-2808 (CAMP STEWART RD)

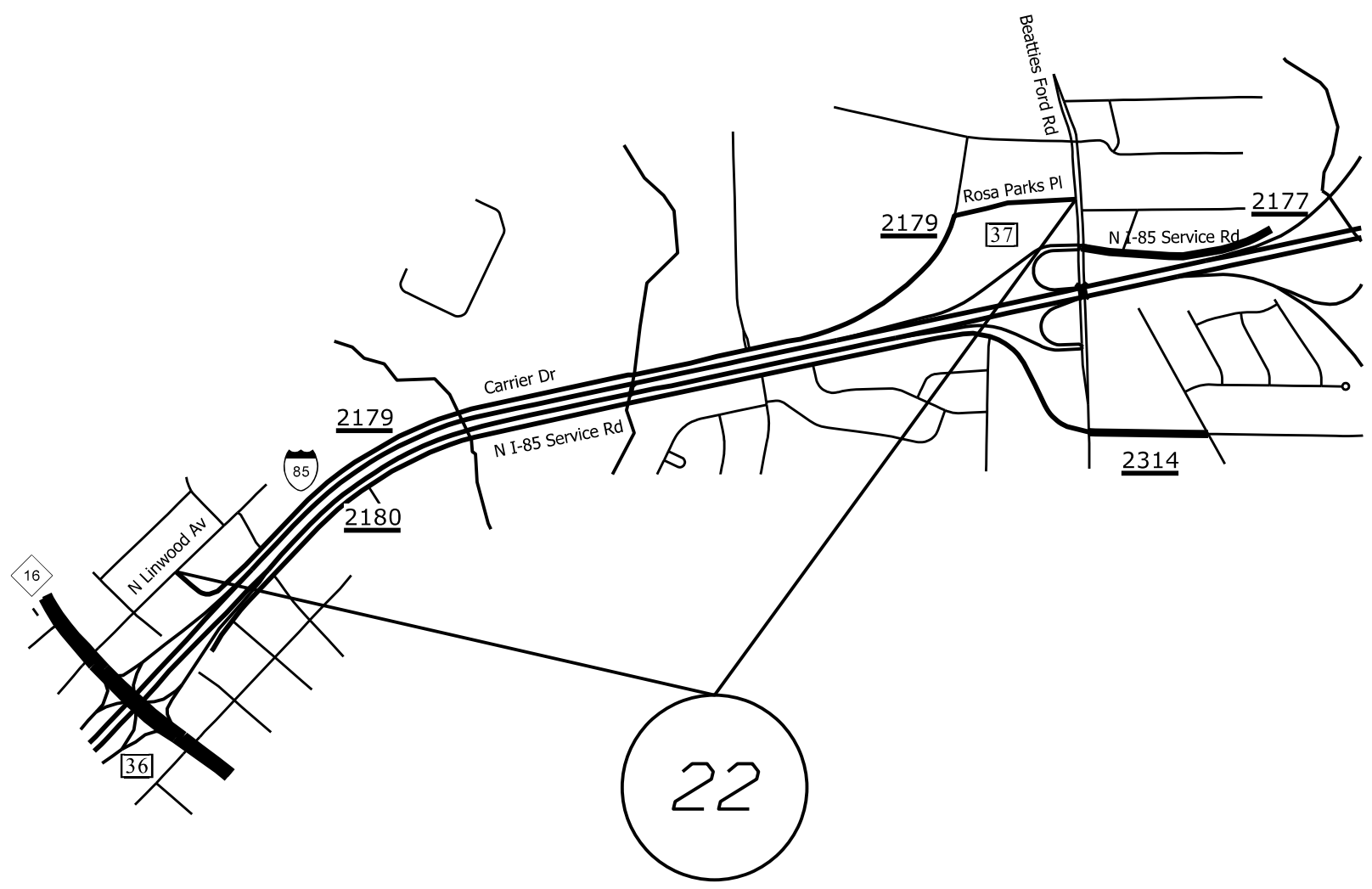
21 SR-5069 (CLAYFORD RIDGE)

FROM SR-2804 (REEDY CREEK RD) TO DEAD END

2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		12	
WBS NO.		10CR.10601.108, ETC.	



MAP

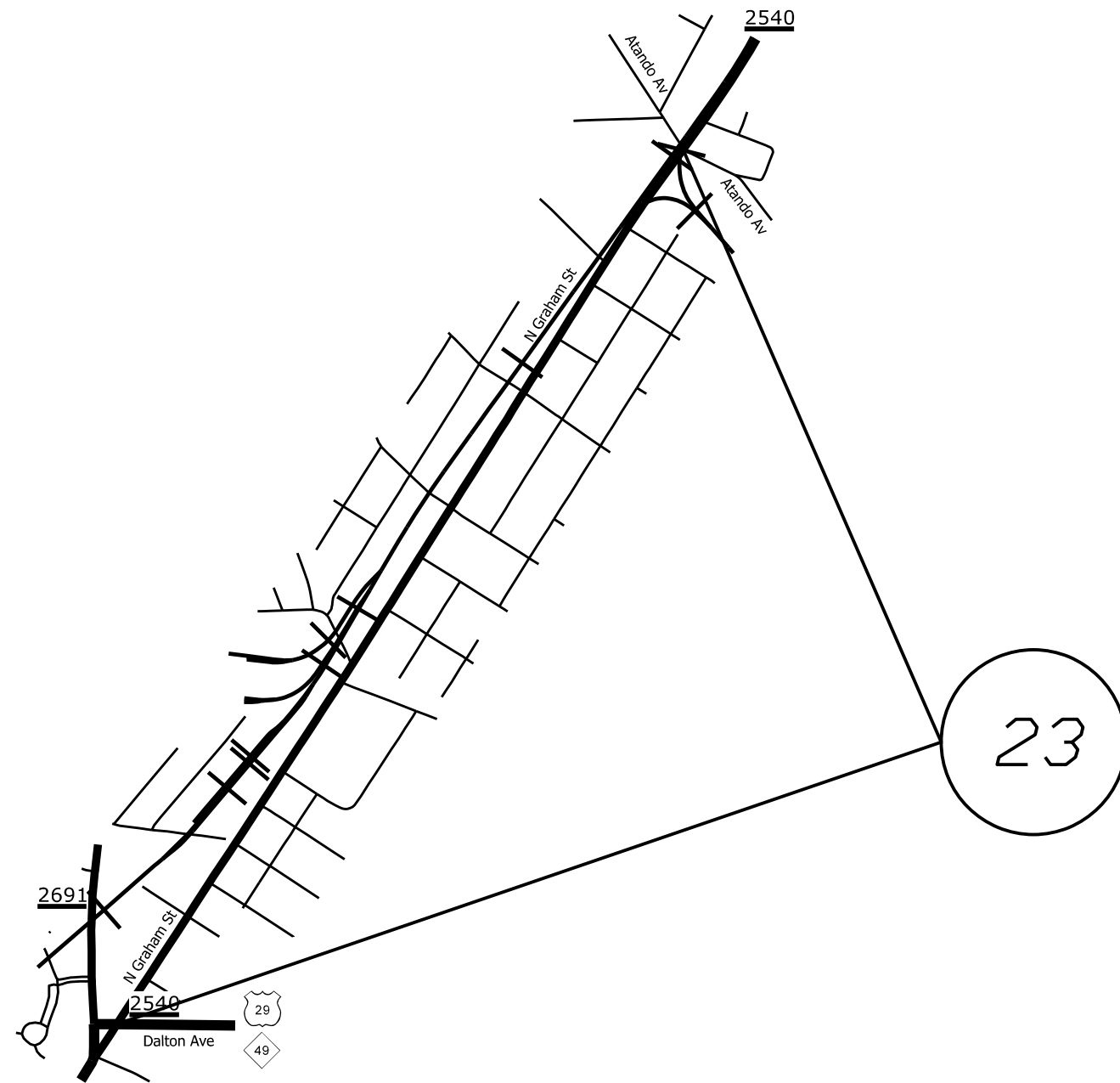
DESCRIPTION

22 SR-2179 (ROSA PARKS PL/CARRIER DR) FROM BEATTIES FORD RD TO N LINWOOD AVE

2015/2016 MECKLENBURG COUNTY RESURFACING		REVISIONS
SCALE	-NA-	
DATE	2/15	
DNW. BY	WAT	
DESIGN BY	WAT	
APPROVED	BDC	



STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		13	
WBS NO.	10CR.10601.108, ETC.		



MAP

23 SR-2540 (N GRAHAM ST)

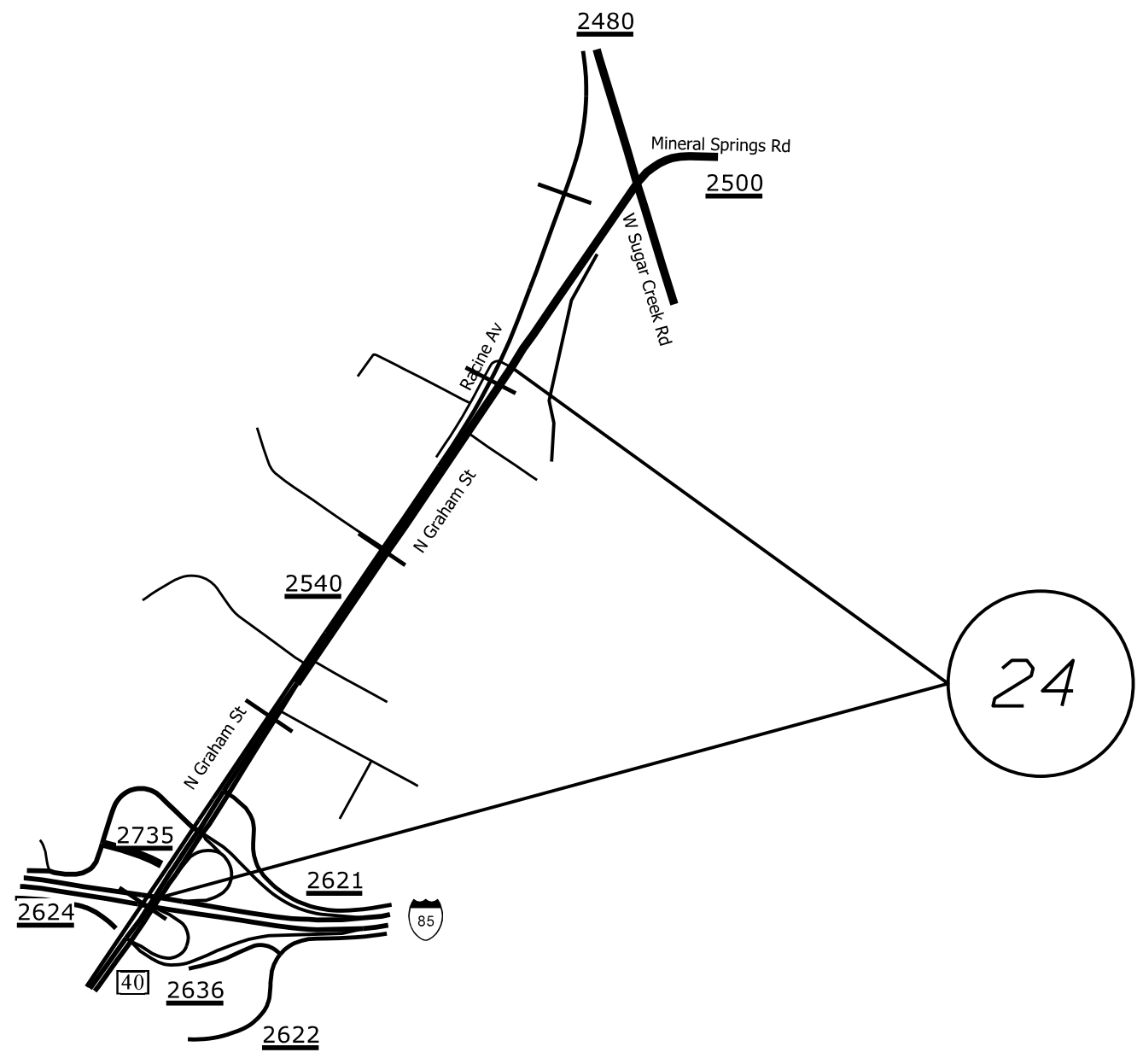
DESCRIPTION

FROM ATANDO AVE TO US 29/NC 49 (DALTON AVE)

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BOC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		14	
WBS NO.	10CR.10601.108, ETC.		



MAP

24 SR-2540 (N GRAHAM ST)

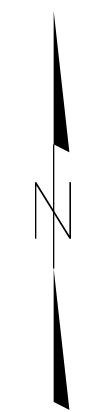
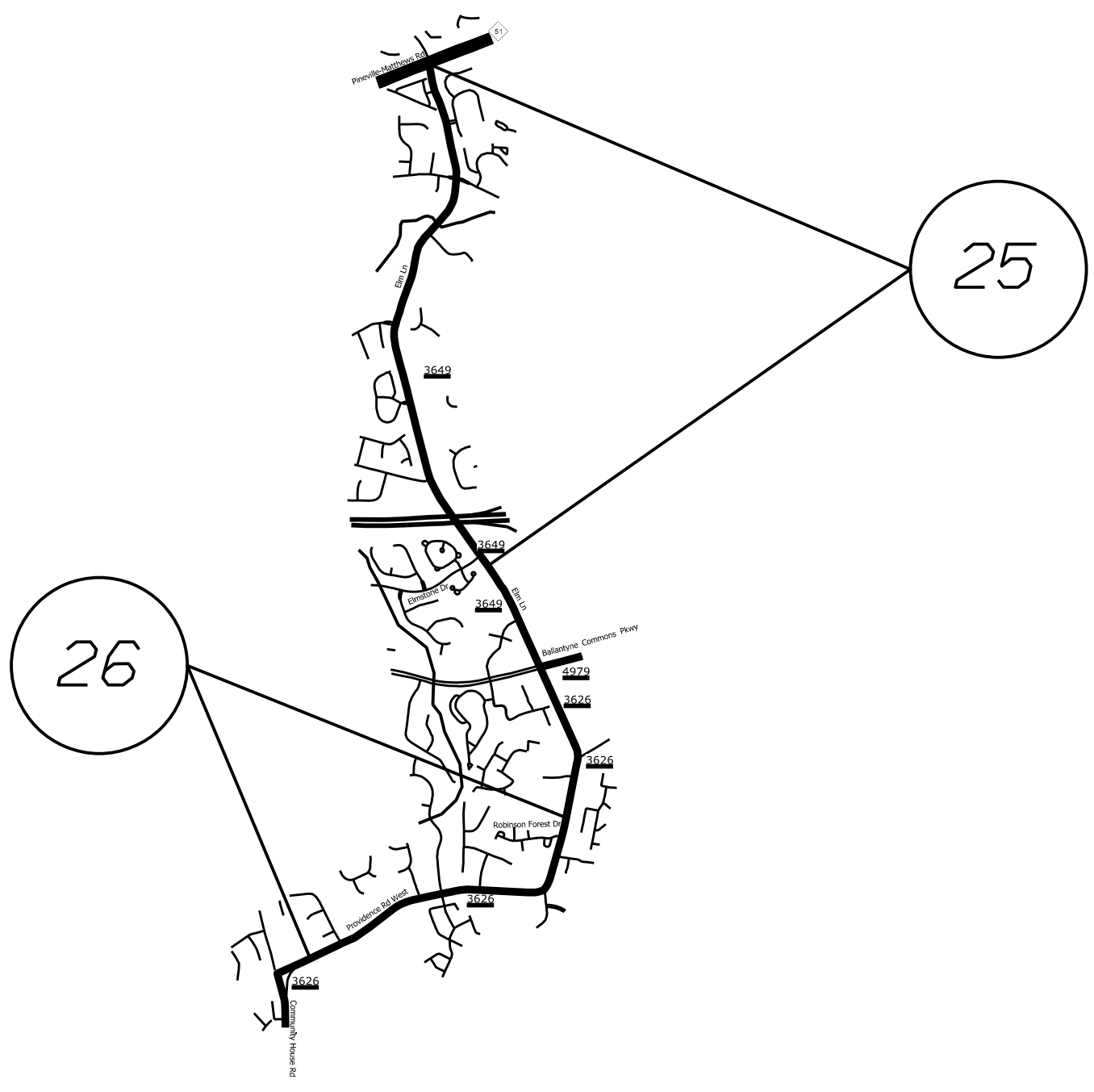
DESCRIPTION

FROM I-85 BRIDGE TO RACINE AVE

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS
DATE	2/15		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		15	
WBS NO.	10CR.10601.108, ETC.		



MAP

DESCRIPTION

25 SR-3649 (ELM LN)

FROM NC 51 (PINEVILLE-MATTHEWS RD) TO
PVMT JT S OF ELMSTONE DR

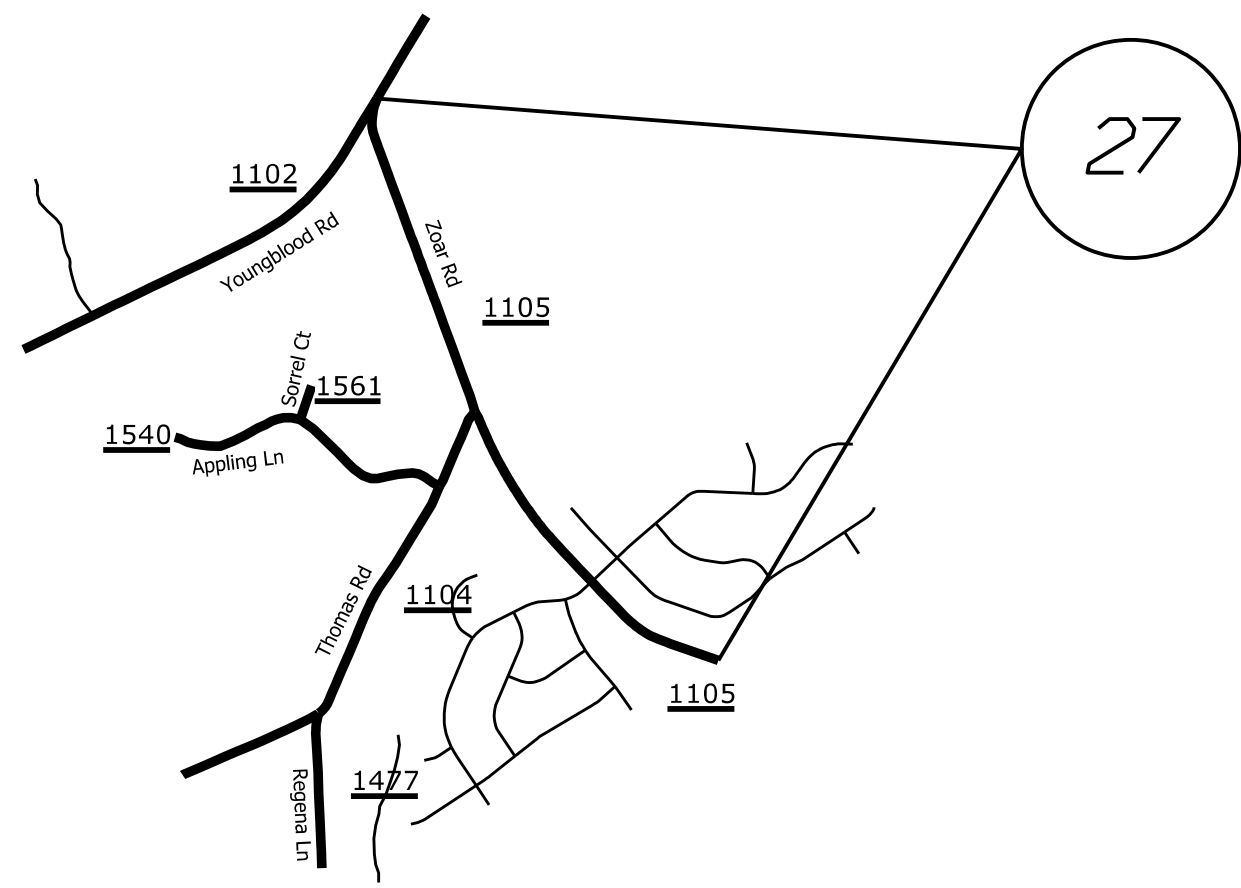
26 SR-3626 (BRYANT FARMS RD/ELM LN)

FROM YMCA DRIVEWAY TO PVMT JT S OF
MILLWRIGHT LN

2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	-NA-		REVISIONS	
DATE	2/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BOC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		16	
WBS NO.	10CR.10601.108, ETC.		



MAP

27 SR-1105 (ZOAR RD)

DESCRIPTION

FROM SR-1102 (YOUNGBLOOD RD) TO SC LINE

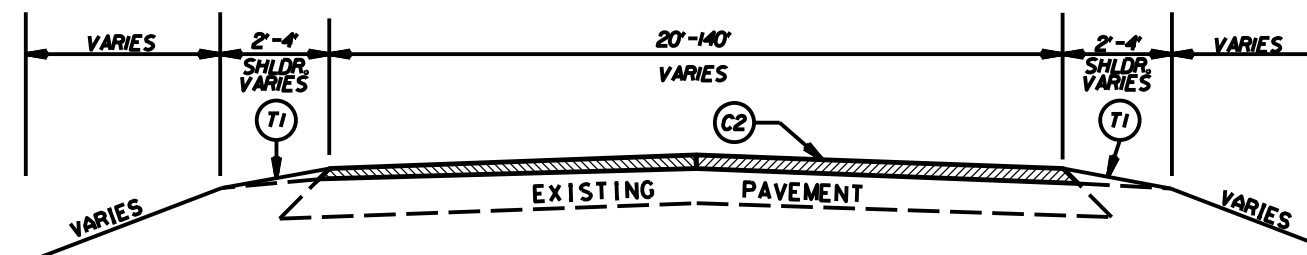
2015/2016 MECKLENBURG COUNTY RESURFACING		
SCALE	-1A-	REVISIONS
DATE	2/15	
DWG. BY	WAT	
DESIGN BY	WAT	
APPROVED	BOC	



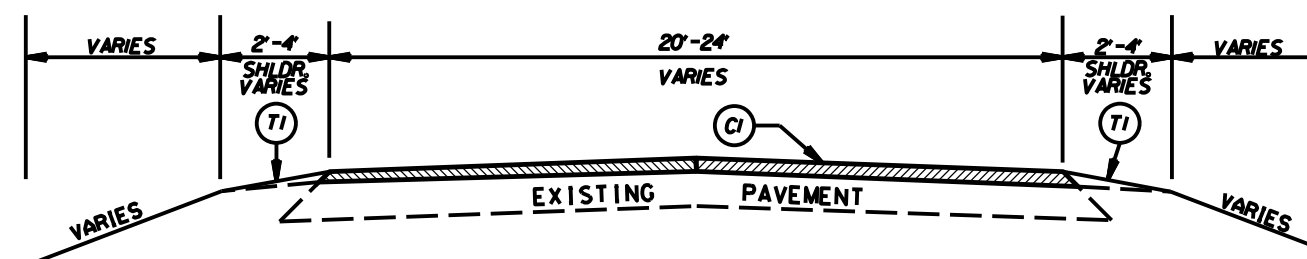
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		17	
WBS NO.	ICR10601010, ETC.		

PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

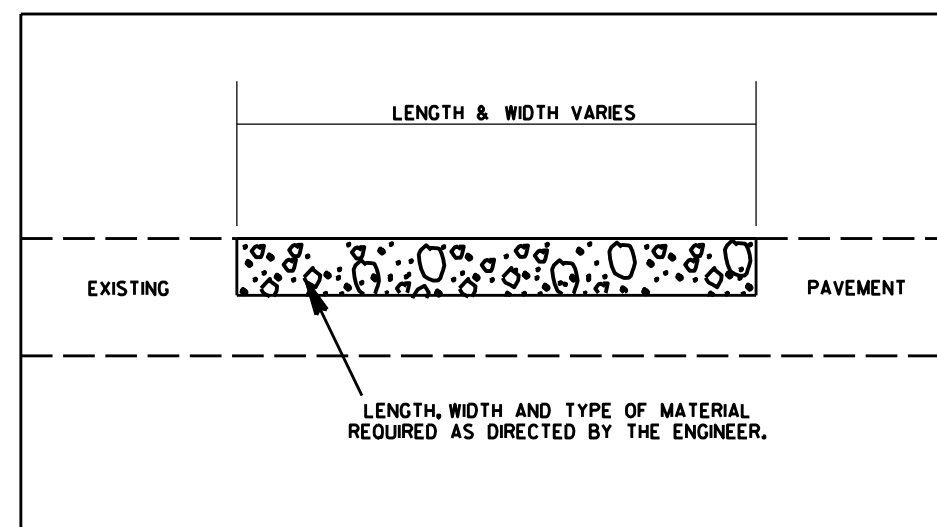


TYPICAL SECTION NO. 2



TYPICAL SECTION NO. 1

PATCHING DETAIL

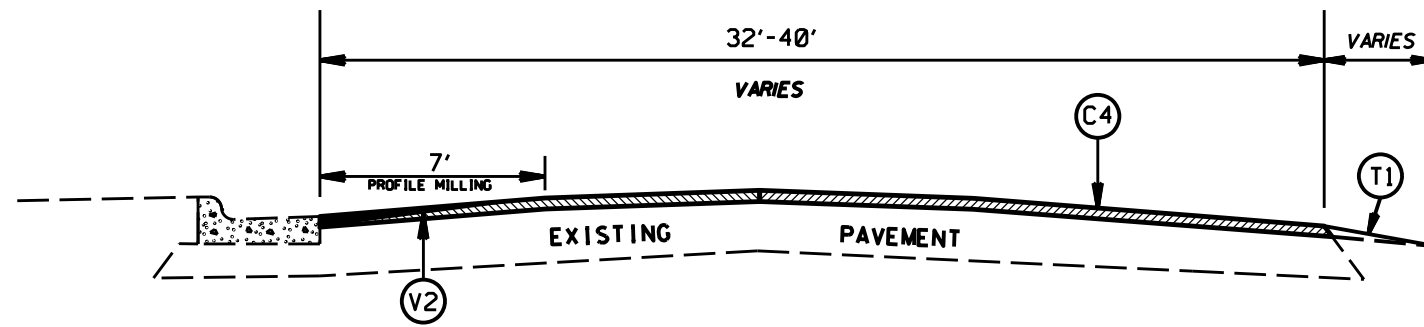


2015/2016 MECKLENBURG COUNTY
RESURFACING

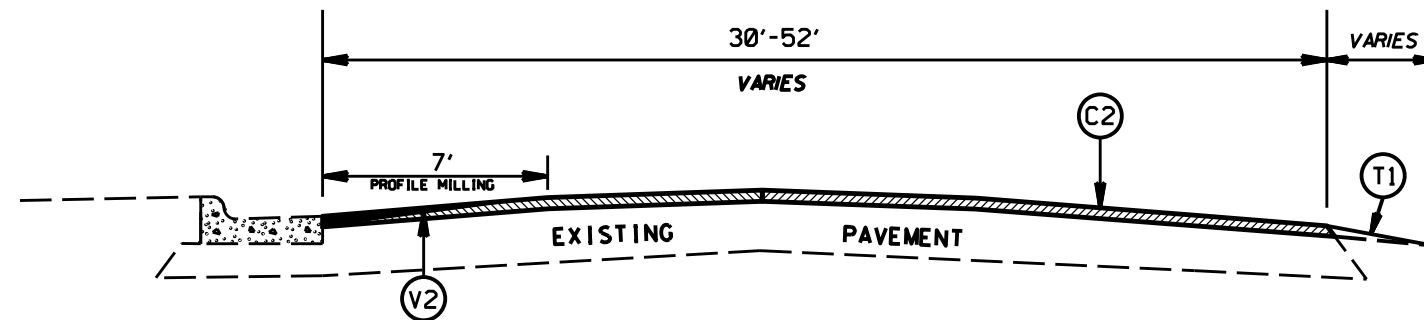
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DATE	3/15			
DWG. BY	WAT			
DESIGN BY	WAT			
APPROVED	BDC			

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		18	
WBS NO.		IOCRJ060J08, ETC.	

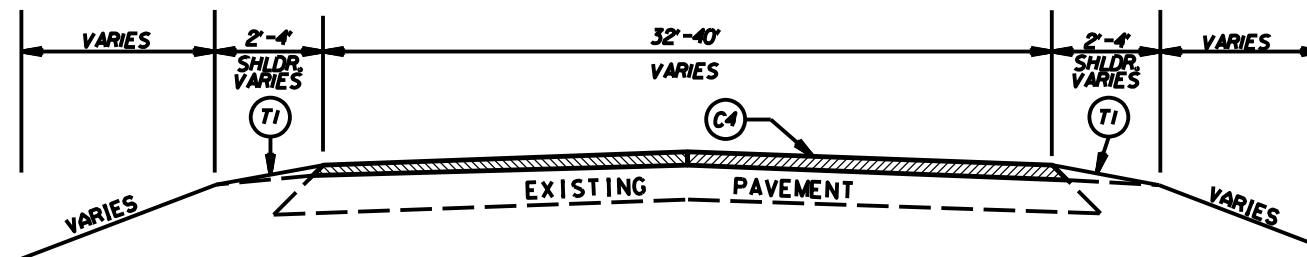
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER



TYPICAL SECTION NO. 5



TYPICAL SECTION NO. 4



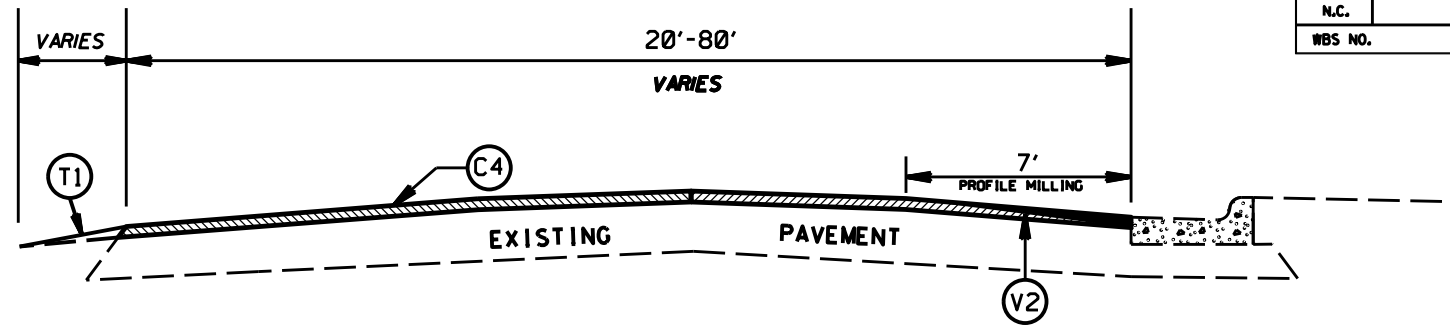
TYPICAL SECTION NO. 3

2015/2016 MECKLENBURG COUNTY RESURFACING

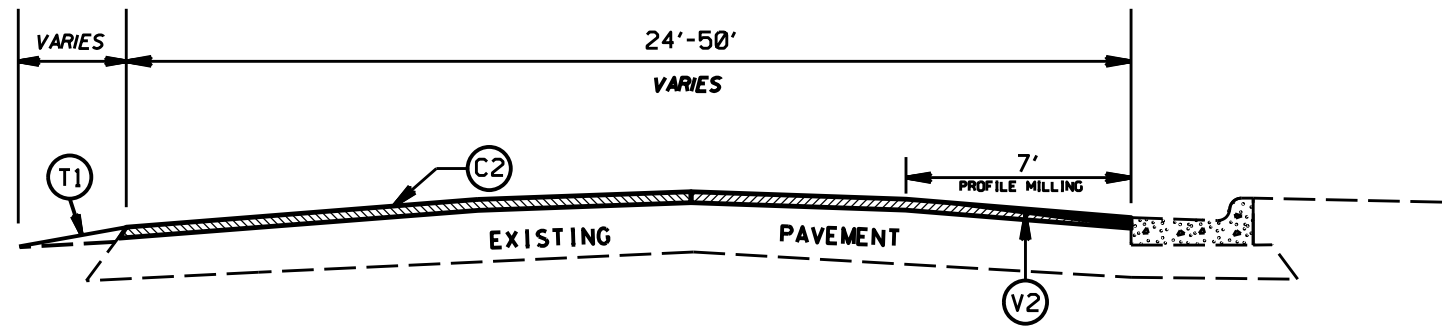
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DATE	3/15		
DWG. BY	WAT		
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APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		19	
WBS NO.	ICR.J060J08, ETC.		

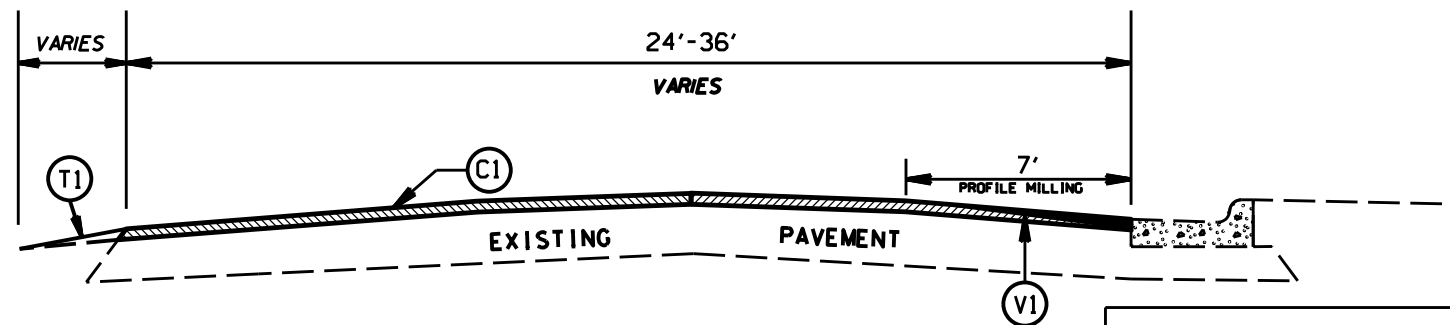
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER



TYPICAL SECTION NO. 8



TYPICAL SECTION NO. 7



TYPICAL SECTION NO. 6

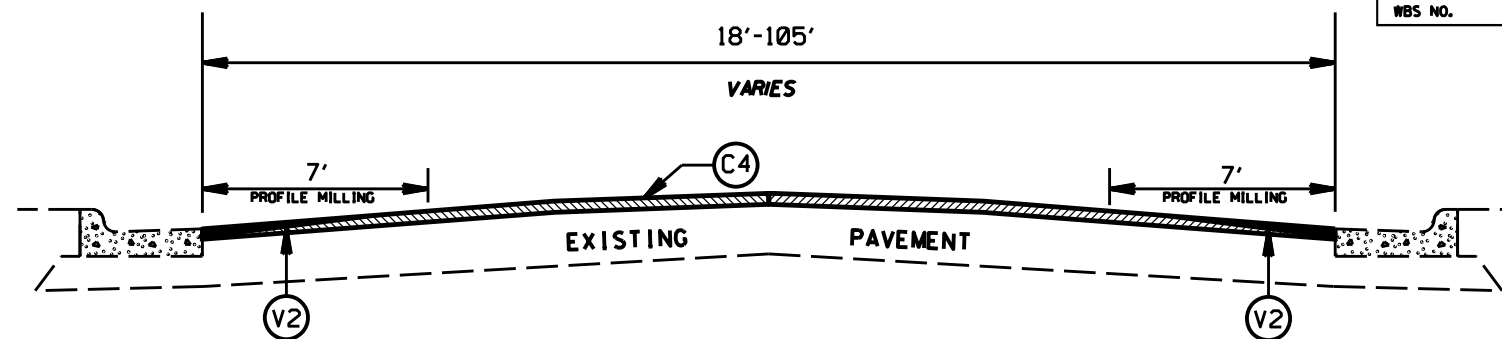
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
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APPROVED	BDC		

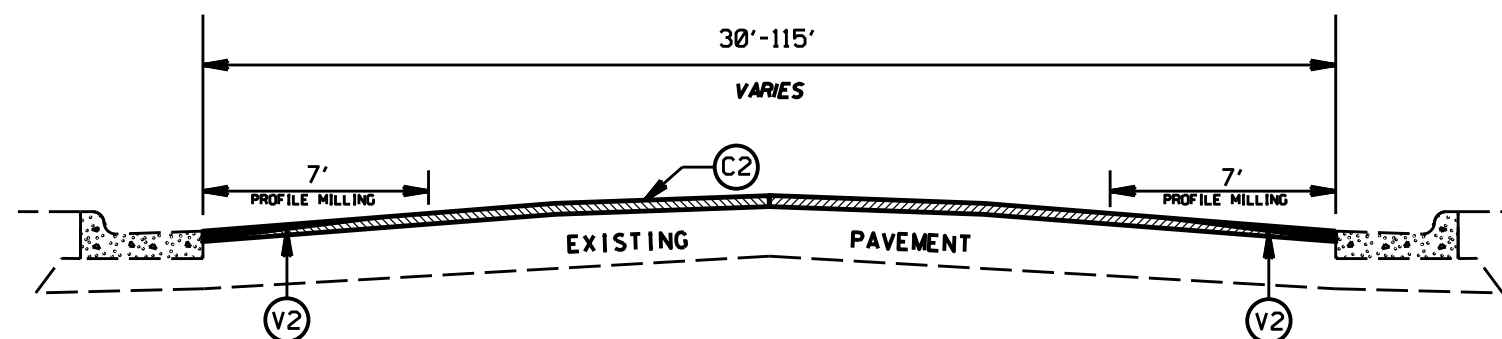
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
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C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

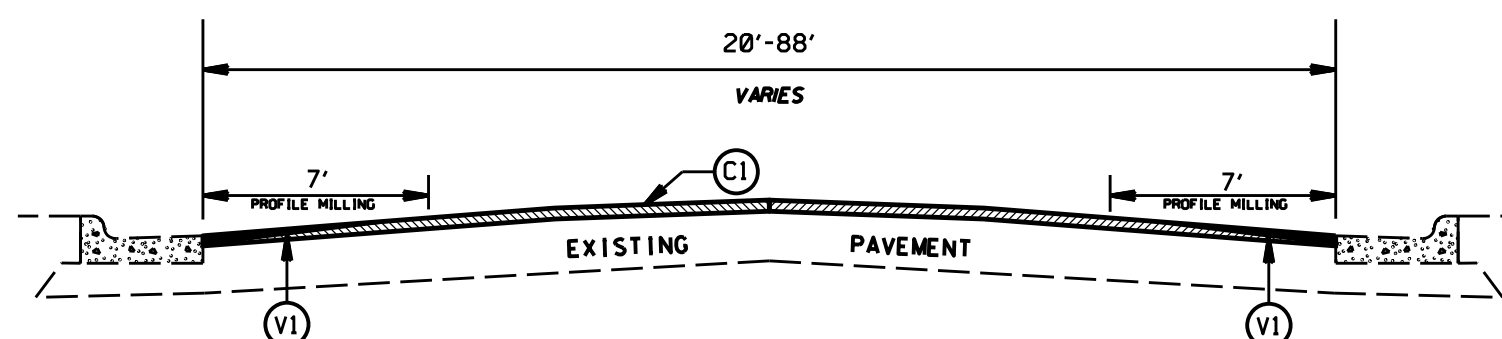
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		20	
WBS NO.		ICR1060U08, ETC.	



TYPICAL SECTION NO. 11



TYPICAL SECTION NO. 10



TYPICAL SECTION NO. 9

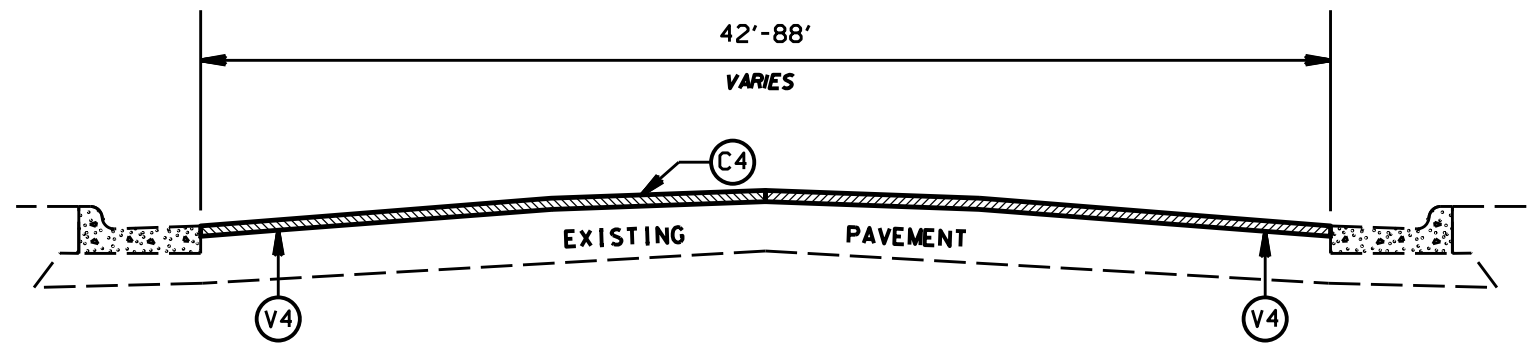
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

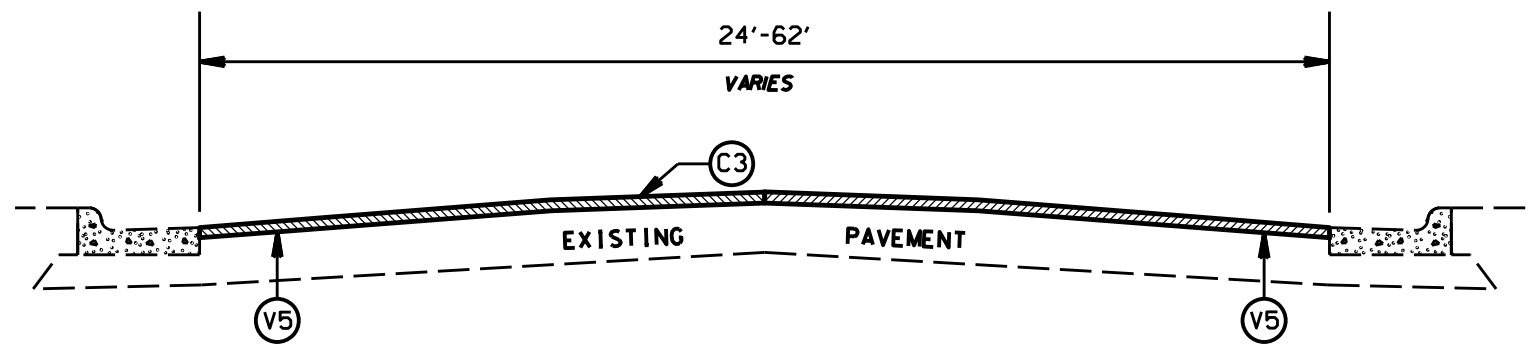
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

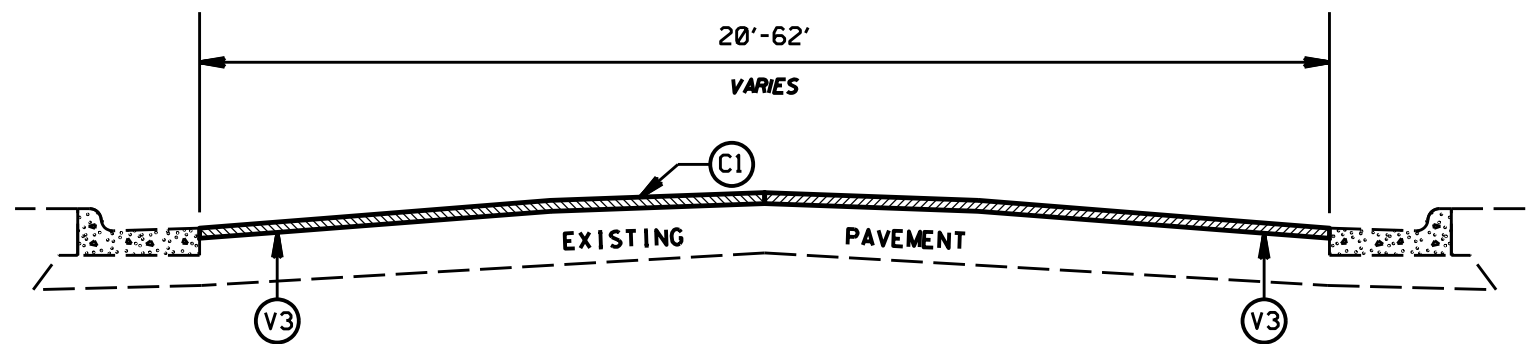
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		21	
WBS NO.		ICR, I060, I08, ETC.	



TYPICAL SECTION NO. 14



TYPICAL SECTION NO. 13



TYPICAL SECTION NO. 12

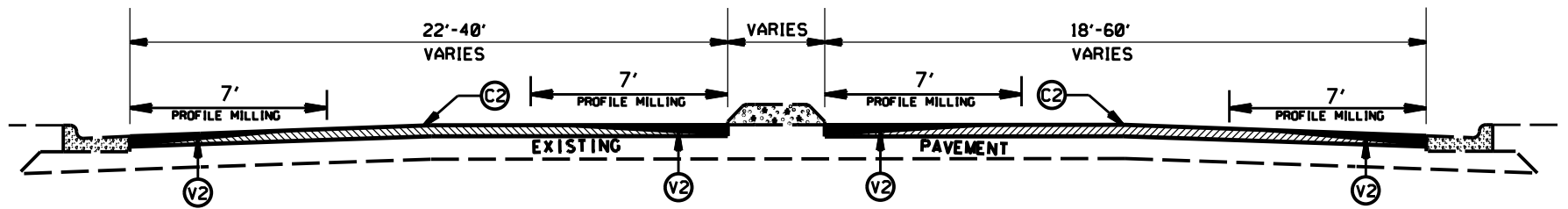
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

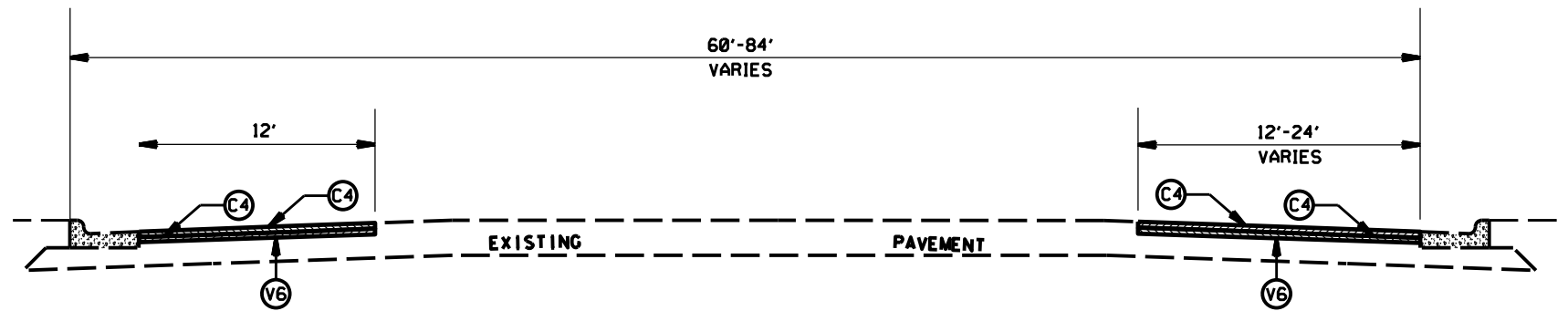
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		22	
WBS NO.	10CR1060108, ETC.		



TYPICAL SECTION NO. 16



TYPICAL SECTION NO. 15

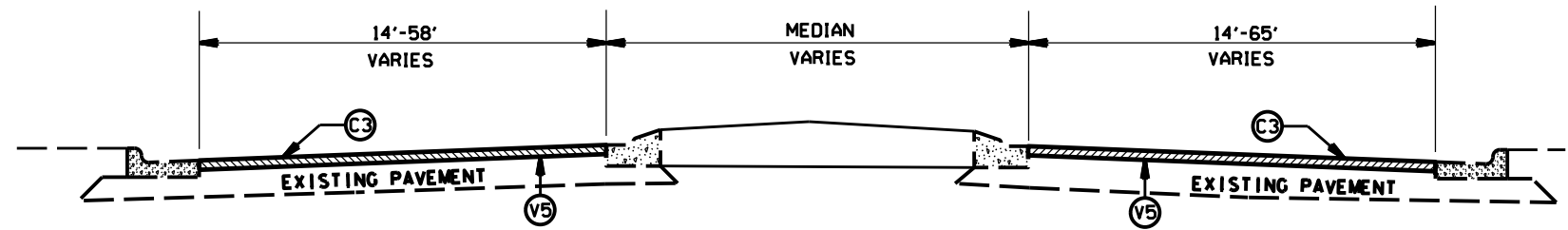
AREAS TO BE DETERMINED BY ENGINEER

2015/2016 MECKLENBURG COUNTY RESURFACING

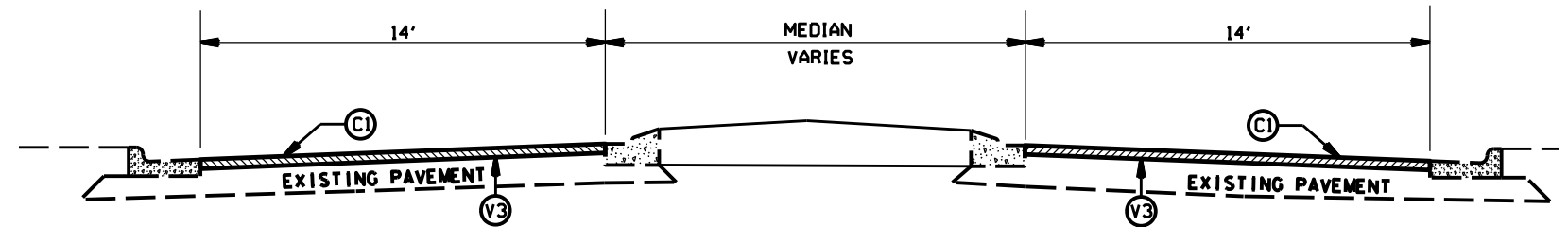
SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		23	
WBS NO.	ICR.060J08, ETC.		

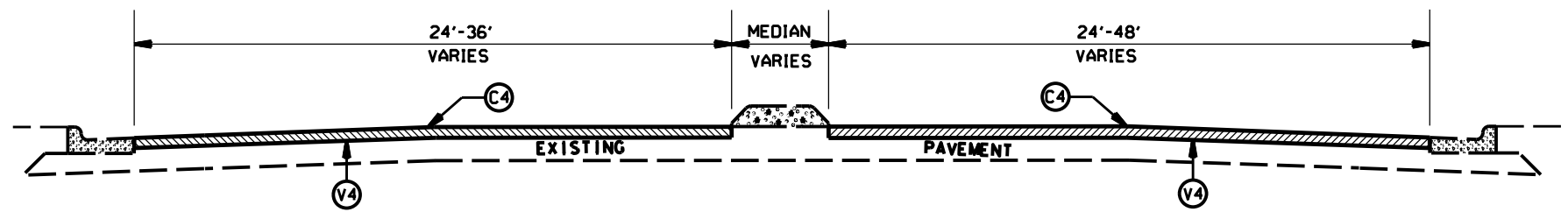
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
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D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
T1	SHOULDER RECONSTRUCTION
V1	PROFILE MILLING 0" TO 1.0"
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V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER



TYPICAL SECTION NO. 19



TYPICAL SECTION NO. 18



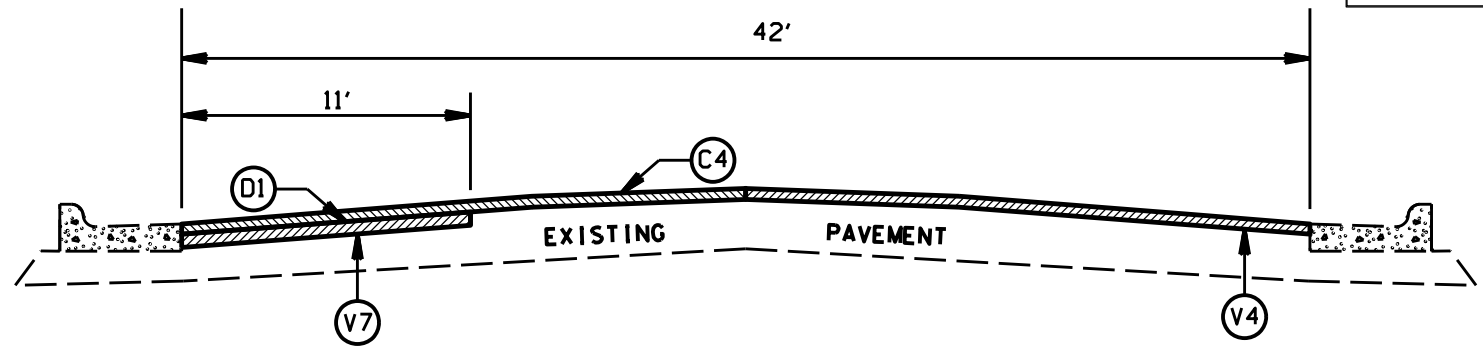
TYPICAL SECTION NO. 17

2015/2016 MECKLENBURG COUNTY RESURFACING

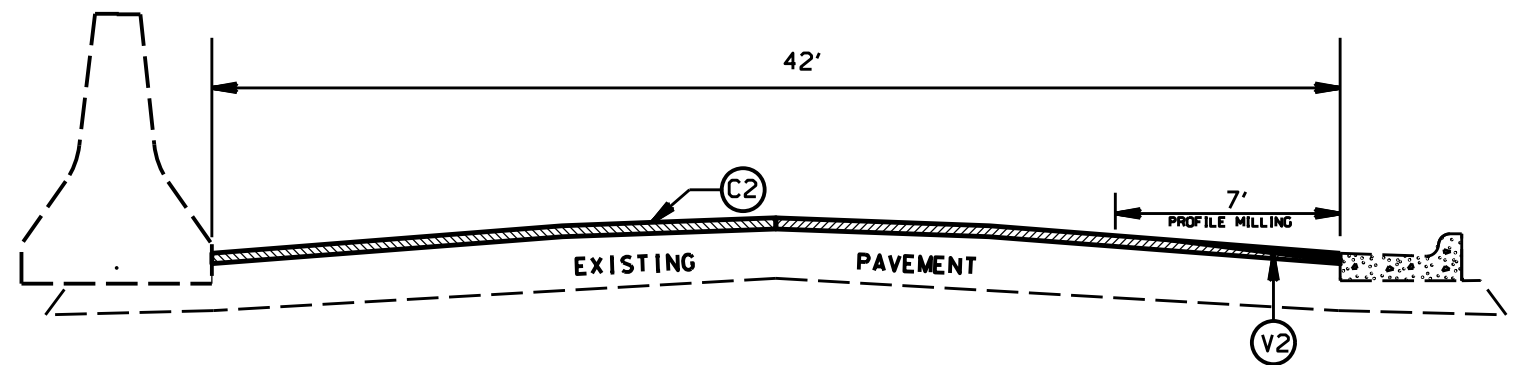
SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BOC		

PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
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C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
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V4	MILLING 1.5" DEPTH
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V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

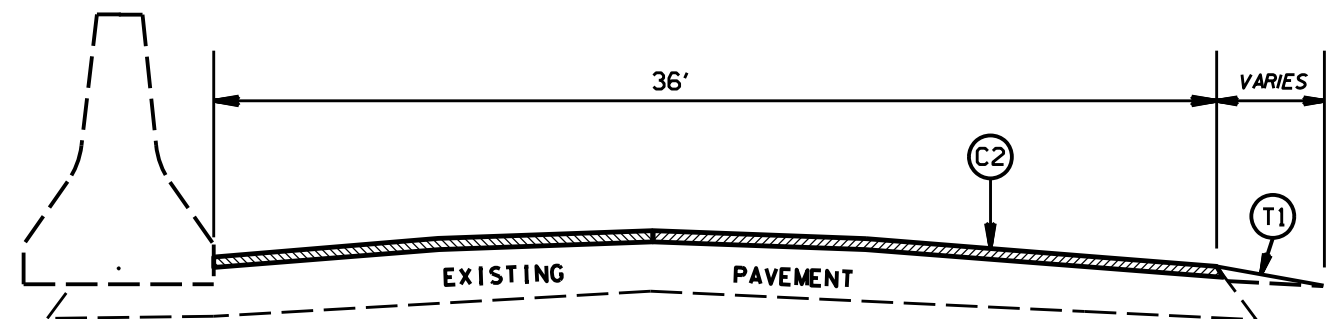
STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		24	
RBS NO.		ICCRJ060J08, ETC.	



TYPICAL SECTION NO. 22



TYPICAL SECTION NO. 21



TYPICAL SECTION NO. 20

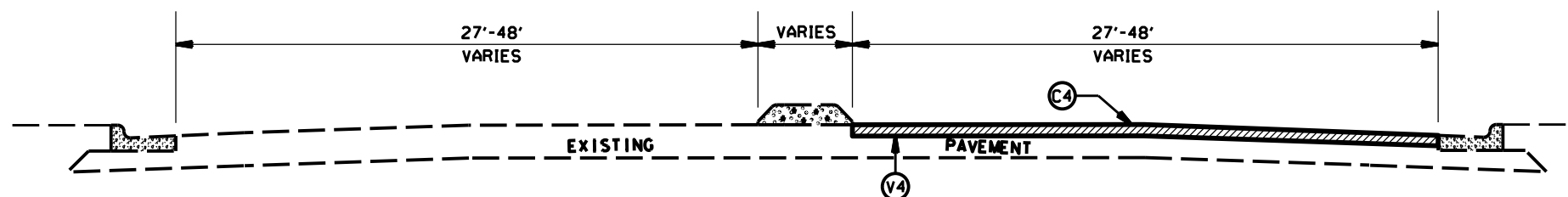
2015/2016 MECKLENBURG COUNTY
RESURFACING

SCALE	DATE	DESIGN BY	APPROVED	REVISIONS
-NA-	3/15	WAT	BOC	

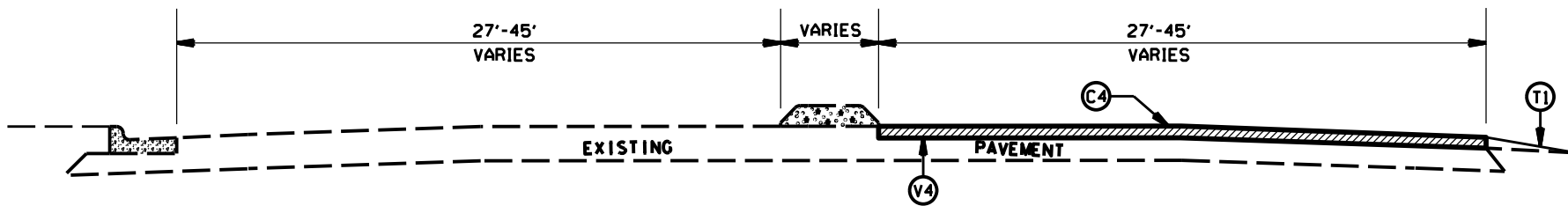


STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		25	
WBS NO.	IOCRJ060J08, ETC.		

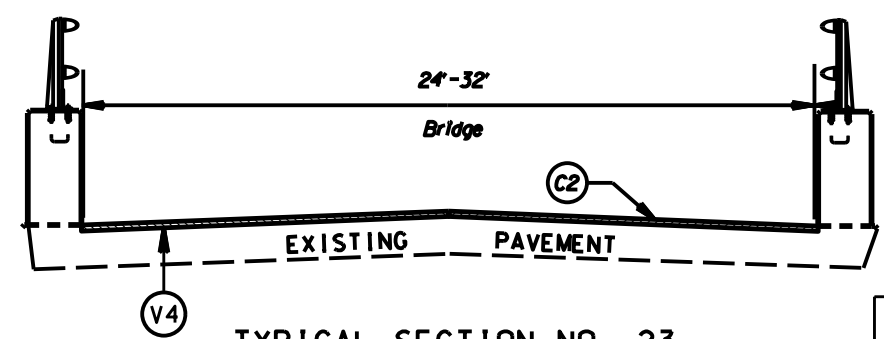
PAVEMENT SCHEDULE	
C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
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V1	PROFILE MILLING 0" TO 1.0"
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V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
V5	MILLING 2.0" DEPTH
V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER



TYPICAL SECTION NO. 25



TYPICAL SECTION NO. 24



TYPICAL SECTION NO. 23

2015/2016 MECKLENBURG COUNTY RESURFACING

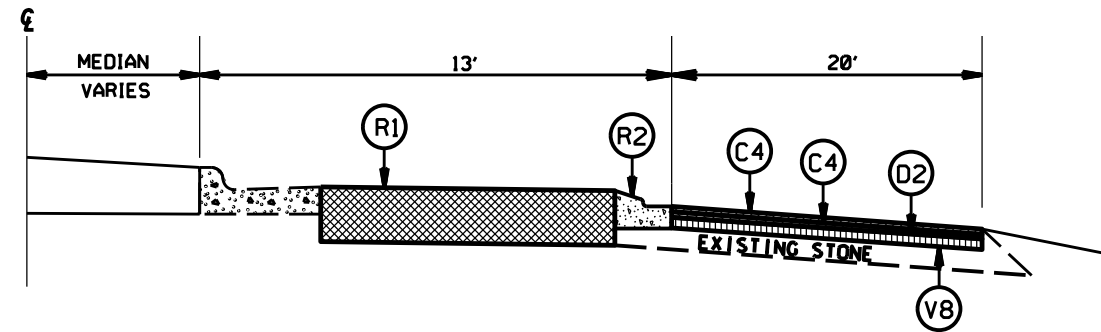
SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

STATE	PROJECT NO.	SHEET NO.	TOTAL SHEETS
N.C.		26	
WBS NO.	ICR.060J08, ETC.		

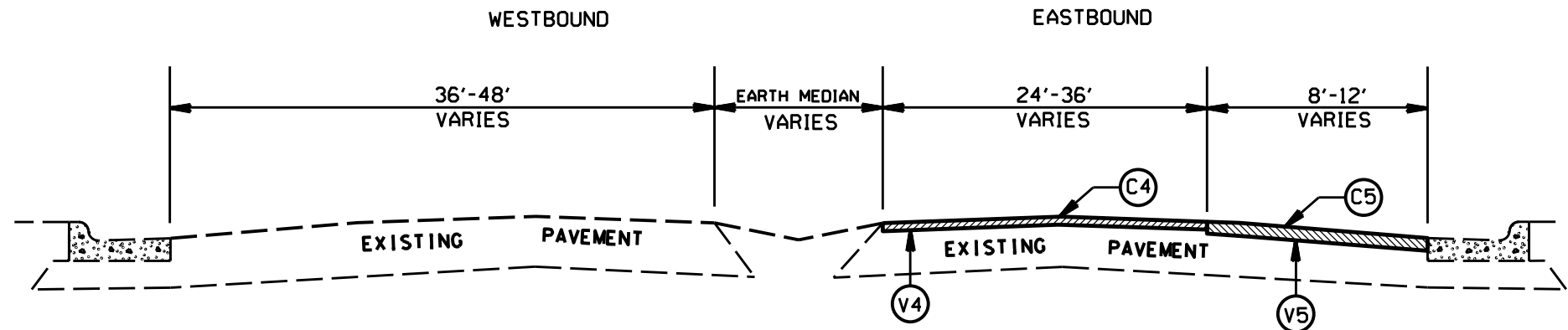
PAVEMENT SCHEDULE

C1	PROP. APPROX. 1.0" ASPHALT CONCRETE SURFACE COURSE, TYPE SF9.5A, AT AN AVERAGE RATE OF 110 LBS. PER SQ. YD.
C2	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C3	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5B, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
C4	PROP. APPROX. 1.5" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YD.
C5	PROP. APPROX. 2.0" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5C, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YD.
D1	PROP. APPROX. 2.5" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 285 LBS. PER SQ. YD.
D2	PROP. APPROX. 4.0" ASPHALT CONCRETE INTERMEDIATE COURSE, TYPE I19.0C AT AN AVERAGE RATE OF 456 LBS. PER SQ. YD.
E1	PROP. APPROX. 5.0" ASPHALT CONCRETE BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 570 LBS. PER SQ. YD.
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V2	PROFILE MILLING 0" TO 1.5"
V3	MILLING 1.0" DEPTH
V4	MILLING 1.5" DEPTH
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V6	MILLING 3" DEPTH
V7	MILLING 4" DEPTH
V8	MILLING 7" DEPTH
R1	PROPOSED 12" CONCRETE TRUCK APRON
R2	PROPOSED 1'-6" CONCRETE CURB AND GUTTER

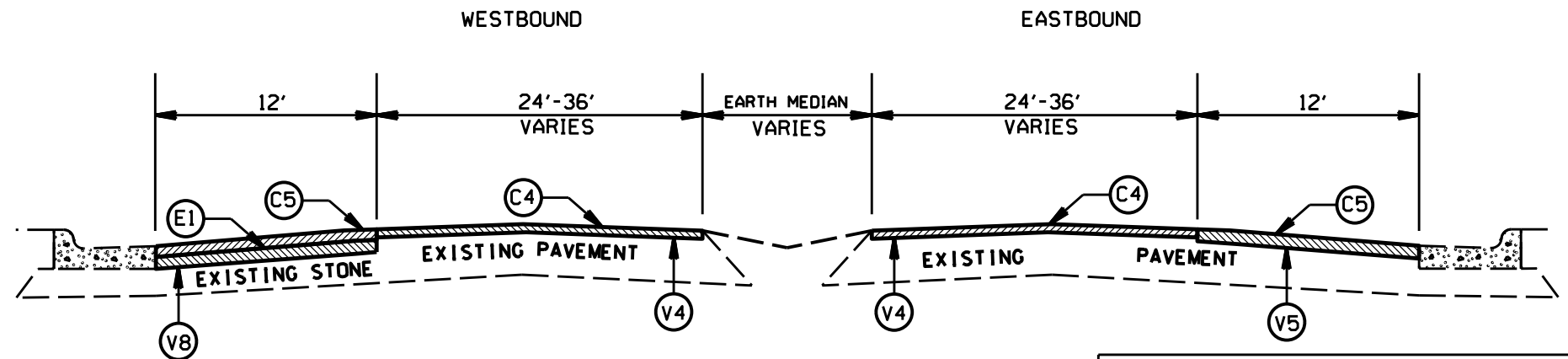
ROUNDBOUT



TYPICAL SECTION NO. 28



TYPICAL SECTION NO. 27

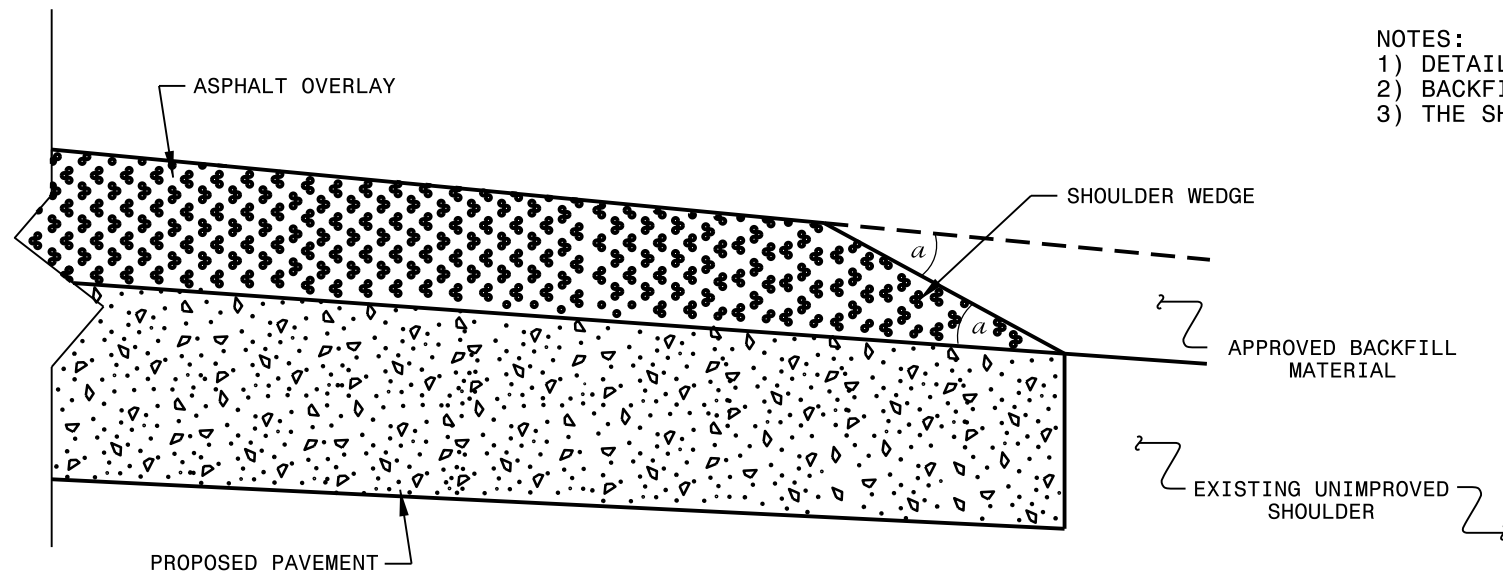


TYPICAL SECTION NO. 26

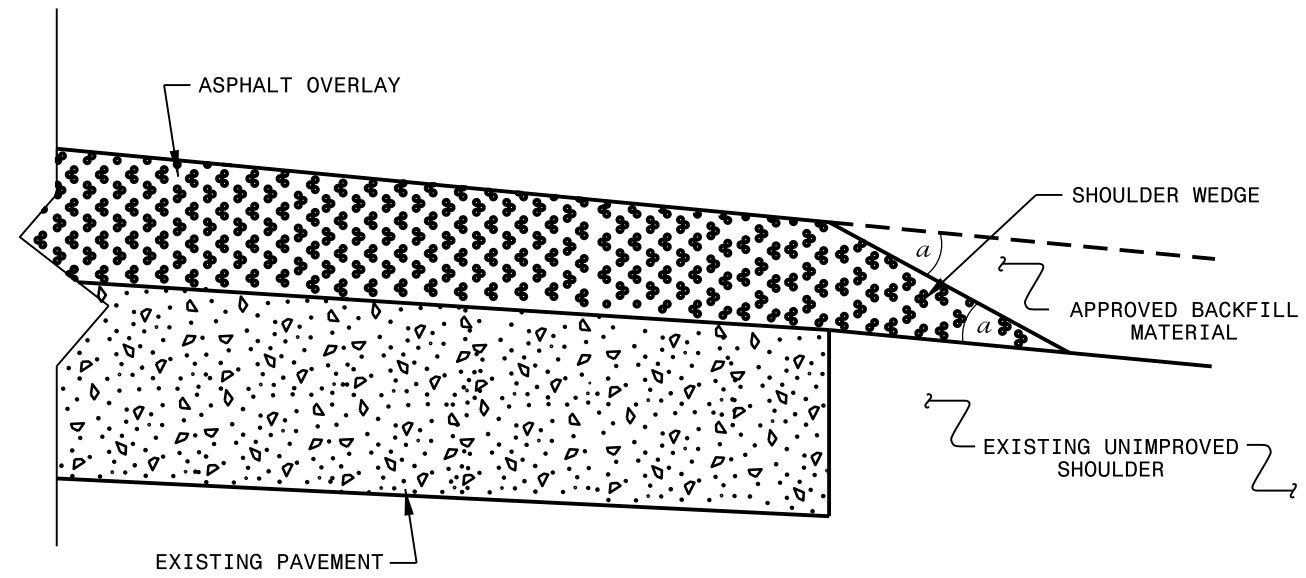
2015/2016 MECKLENBURG COUNTY RESURFACING

SCALE	-NA-		REVISIONS
DATE	3/15		
DWG. BY	WAT		
DESIGN BY	WAT		
APPROVED	BDC		

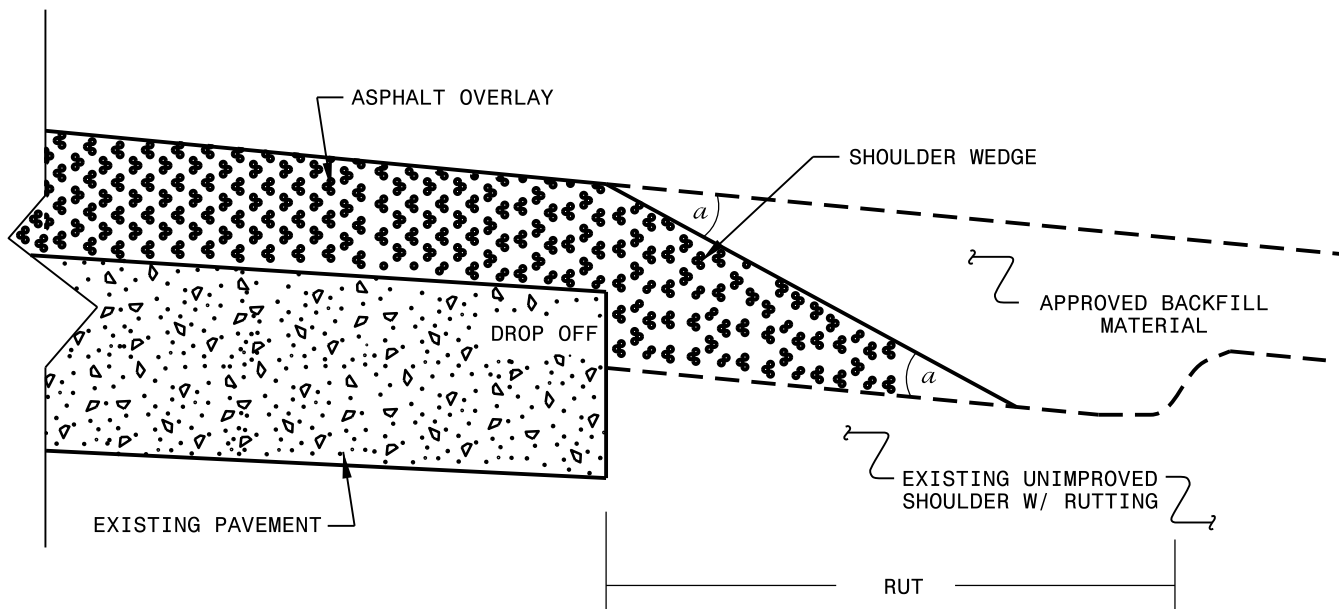
- NOTES:
 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS AND SIDE STREETS.



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ Widening or
 with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL
 (Resurfacing Projects w/ NO Widening)



SHOULDER WEDGE DETAIL
 (Resurfacing Adjacent to
 Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT			
Office 919-707-6950		FAX 919-250-4119	
SHOULDER WEDGE DETAILS			
ORIGINAL BY: T.SPELL	DATE: 7-19-11		
MODIFIED BY:	DATE: 10/16/12		
CHECKED BY:	DATE:		
FILE SPEC.: susr/details/stand/shoulderwedgedetail.dgn			

SYSTEMS DESIGN
 USER NAME

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10601.108, etc.	29	

SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	PATCHING EXISTING PAVEMENT TONS	1'-6" CURB & GUTTER (Std. 846.01) LF	RETROFIT EXISTING CURB RAMP (Std. 848.06) EA	6" DRIVEWAYS (Std. 848.02, 848.03) SY	12" Concrete Truck Apron SY	REMOVAL OF CONCRETE CURB LF	Removing Existing Concrete Truck Apron SY	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMP. SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLY-ACRYLAMIDE (PAM) LB	
10CR.10601.108	Mecklenburg	1	WILKINSON BLVD (US 29/74) WB	FROM PVMT JT W OF I-485 TO SR-1191 (OLD DOWD RD)	24,25	2		NO	NO	1.26	27	605		1							0.08	189	25	13	38	1	
TOTAL FOR PROJ NO. 10CR.10601.108																											
10CR.10601.109	Mecklenburg	2	E INDEPENDENCE BLVD (US 74) WB	FROM E OF WALLACE LN TO E WT HARRIS BLVD (NC 24)	26	3		NO	NO	0.531	36	220		7							0.08	80	11	6	16	1	
TOTAL FOR PROJ NO. 10CR.10601.109																											
10CR.10601.110	Mecklenburg	3	E INDEPENDENCE BLVD (US74) EB	FROM E OF WALLACE LN TO PVMT JT AT MCALPINE CREEK BRIDGE	26,27	3		NO	NO	1.12	36	660		12							0.08	168	22	11	34	1	
TOTAL FOR PROJ NO. 10CR.10601.110																											
10CR.10601.111	Mecklenburg	4	N TRYON ST (US 29/NC 49)	FROM SR-2480 (W SUGAR CREEK RD) TO SR-2940 (EASTWAY DR)	15	6		NO	NO	1.00	72			7							0.08	150	20	10	30	1	
TOTAL FOR PROJ NO. 10CR.10601.111																											
10CR.10601.112	Mecklenburg	5	I-85 N ON-RAMP	FROM BEATTIES FORD RD TO PVMT JT AT I-85 N	8,11	1		NO	NO	0.102	18	330									0.08	15	2	1	3	1	
TOTAL FOR PROJ NO. 10CR.10601.112																											
10CR.10601.113	Mecklenburg	6	I-85 N OFF-RAMP	FROM I-85 N TO SR-2480 (SUGAR CREEK RD)	3,8	3		NO	NO	0.091	36	440									0.08	14	2	1	3	1	
		7	I-85 N ON-RAMP	FROM SR-2480 (SUGAR CREEK RD) TO I-85 N	8,11	1		NO	NO	0.114	30	220										0.08	17	2	1	4	1
		8	I-85 S OFF-RAMP	FROM I-85 S TO SR-2480 (SUGAR CREEK RD)	8	3		NO	NO	0.065	48	330										0.08	10	1	1	2	1
		9	I-85 S ON-RAMP	FROM SR-2480 (SUGAR CREEK RD) TO I-85 S	3,5,8,11	2		NO	NO	0.097	34	220										0.08	15	2	1	3	1
TOTAL FOR PROJ NO. 10CR.10601.113																											
10CR.20601.213	Mecklenburg	10	W SUGAR CREEK RD (SR-2480)	FROM US 29/NC 49 (N TRYON ST) TO BRIDGE OVER I-85	14,17	4		NO	NO	1.387	60	220		2							0.08	208	28	14	42	1	
TOTAL FOR PROJ NO. 10CR.20601.213																											
10CR.20601.214	Mecklenburg	11	EQUIPMENT DR (SR-2621)	FROM SR-2480 (SUGAR CREEK RD) TO SR-2540 (N GRAHAM ST)	2,4,7,10,21	2		NO	NO	0.979	36	550		2						4		147	20	10	30	1	
TOTAL FOR PROJ NO. 10CR.20601.214																											
10CR.20601.217	Mecklenburg	12	ROBINSON CHURCH RD (SR-2822)	FROM SR-2826 (HOOD RD) TO ALANBROOK RD	2	2		NO	NO	1.555	22	330			130							233	31	16	47	1	
TOTAL FOR PROJ NO. 10CR.20601.217																											
10CR.20601.220	Mecklenburg	13	SCOTT FUTRELL DR (SR-1818)	FROM SR-5901 (BILLY GRAHAM PKWY) TO PVMT JT W OF SR-5901 (BILLY GRAHAM PKWY)	13	2		NO	NO	0.419	36	440										63	8	4	13	1	
TOTAL FOR PROJ NO. 10CR.20601.220																											
10CR.20601.228	Mecklenburg	14	MOORES CHAPEL RD (SR-1601)	FROM I-485 BRIDGE TO SR-1600 (MOORES CHAPEL LOOP)	2,3,4,28	2		NO	NO	3.329	22	550	180		290	1,800	180	1,800		3		499	67	34	100	1	
TOTAL FOR PROJ NO. 10CR.20601.228																											

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10601.108, etc.	31	

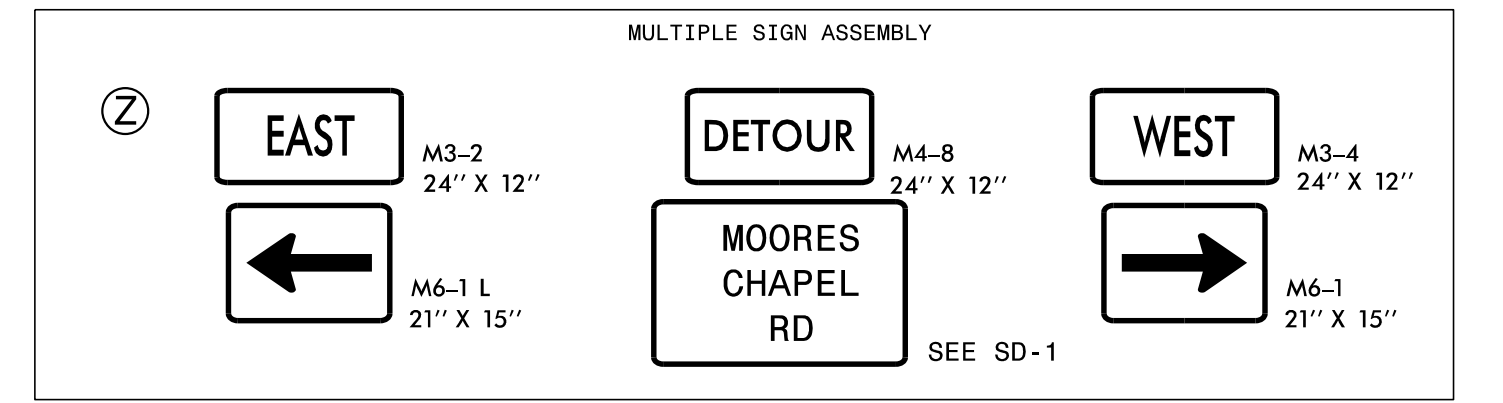
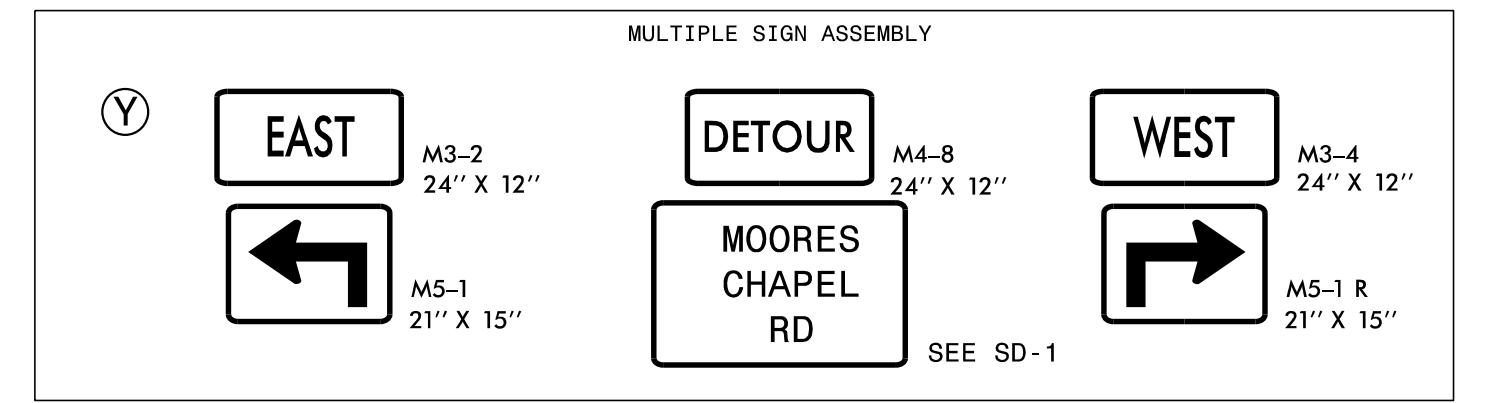
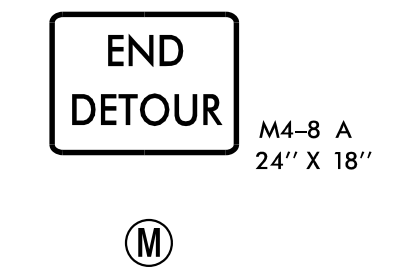
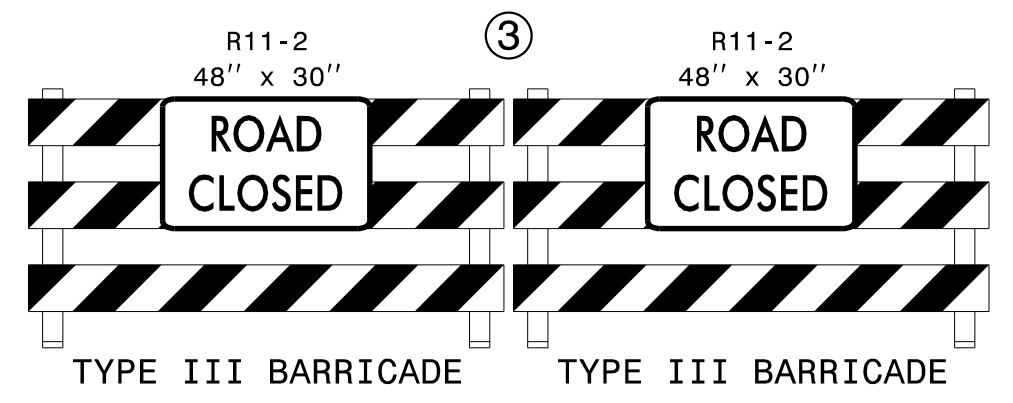
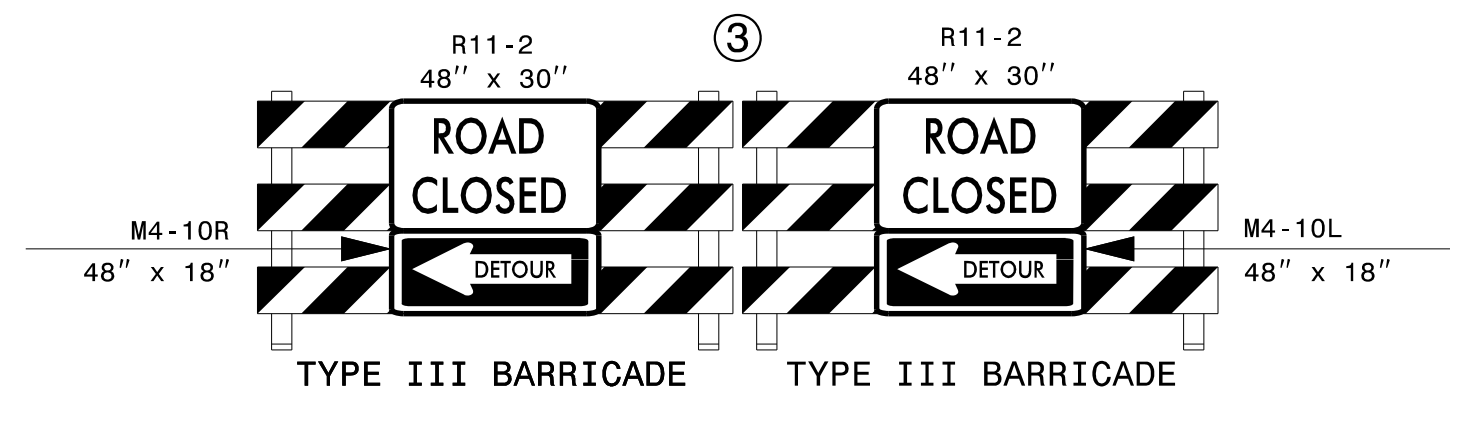
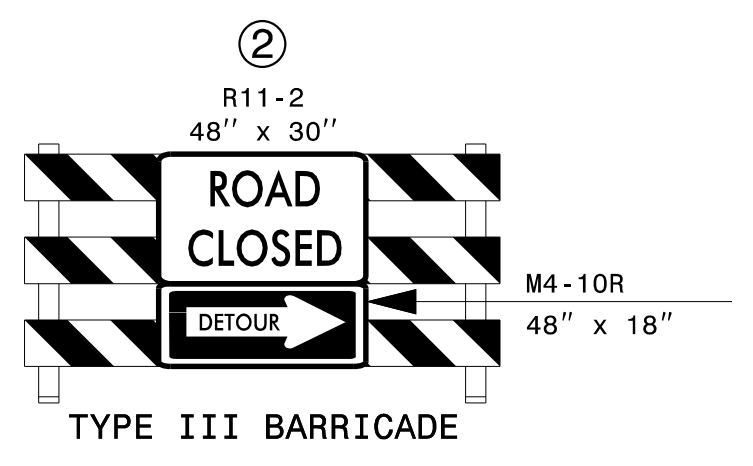
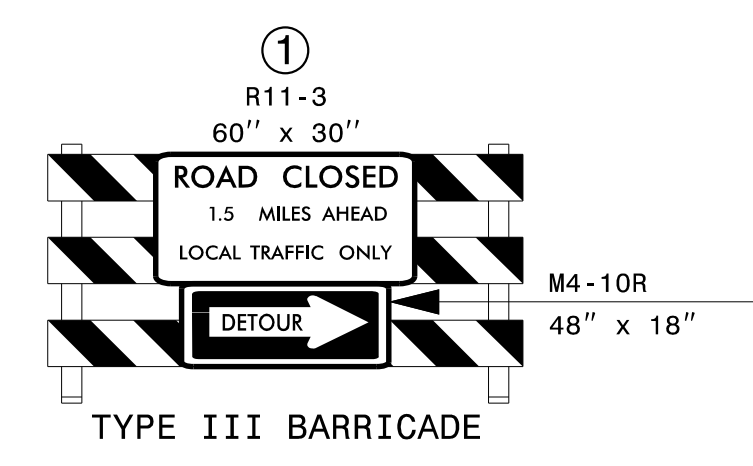
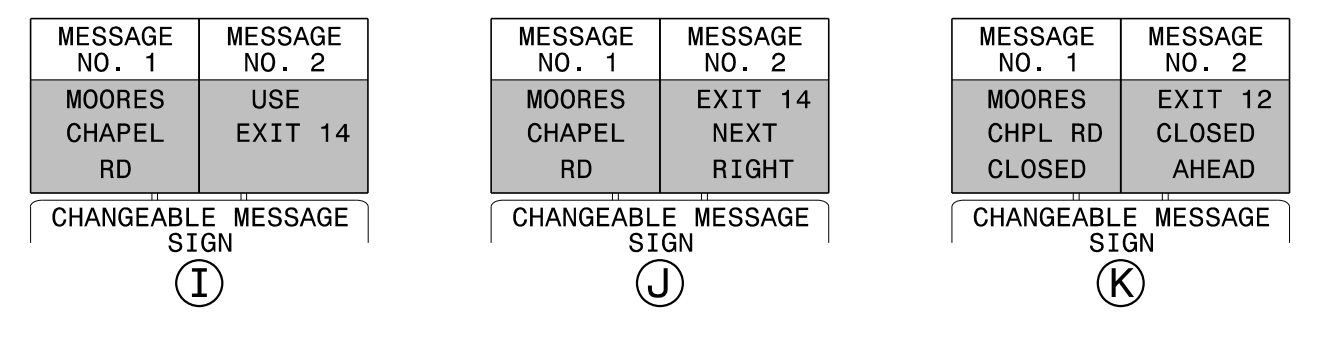
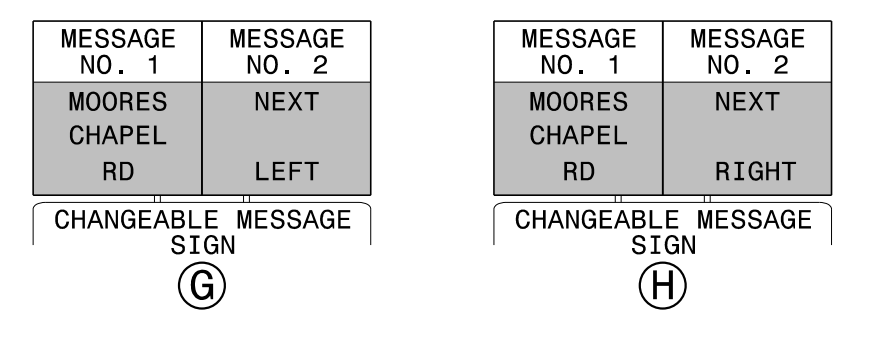
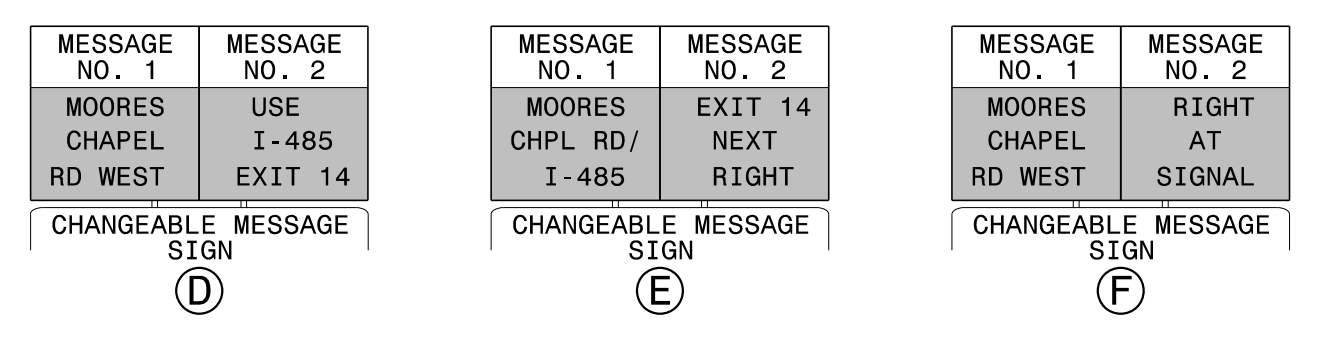
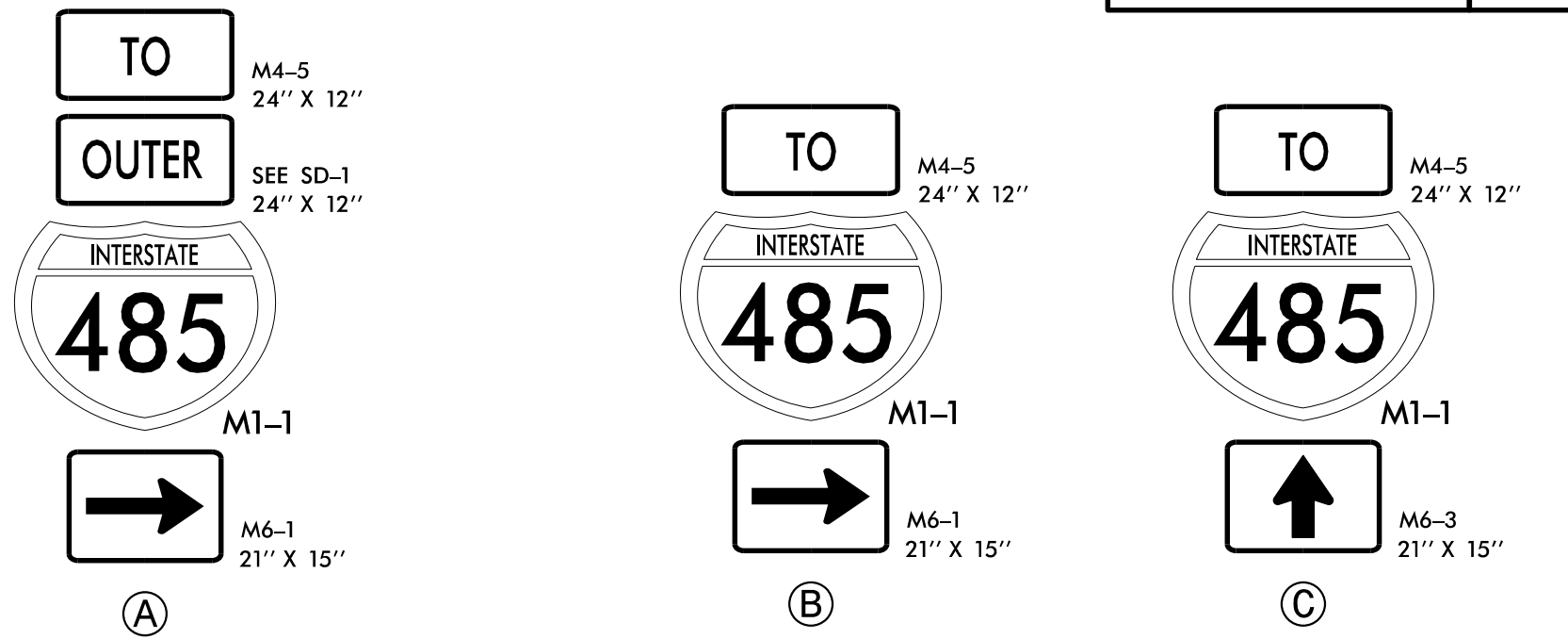
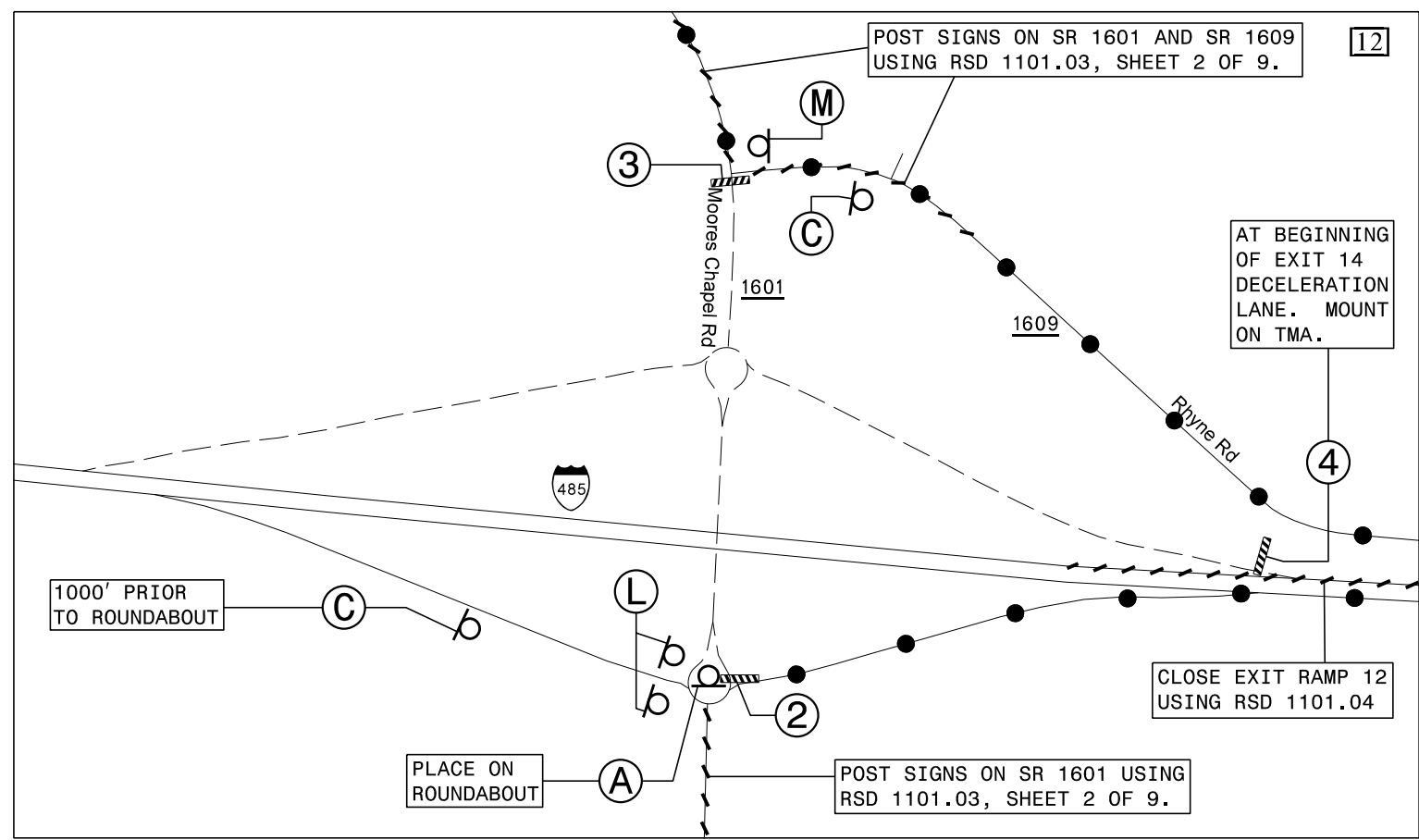
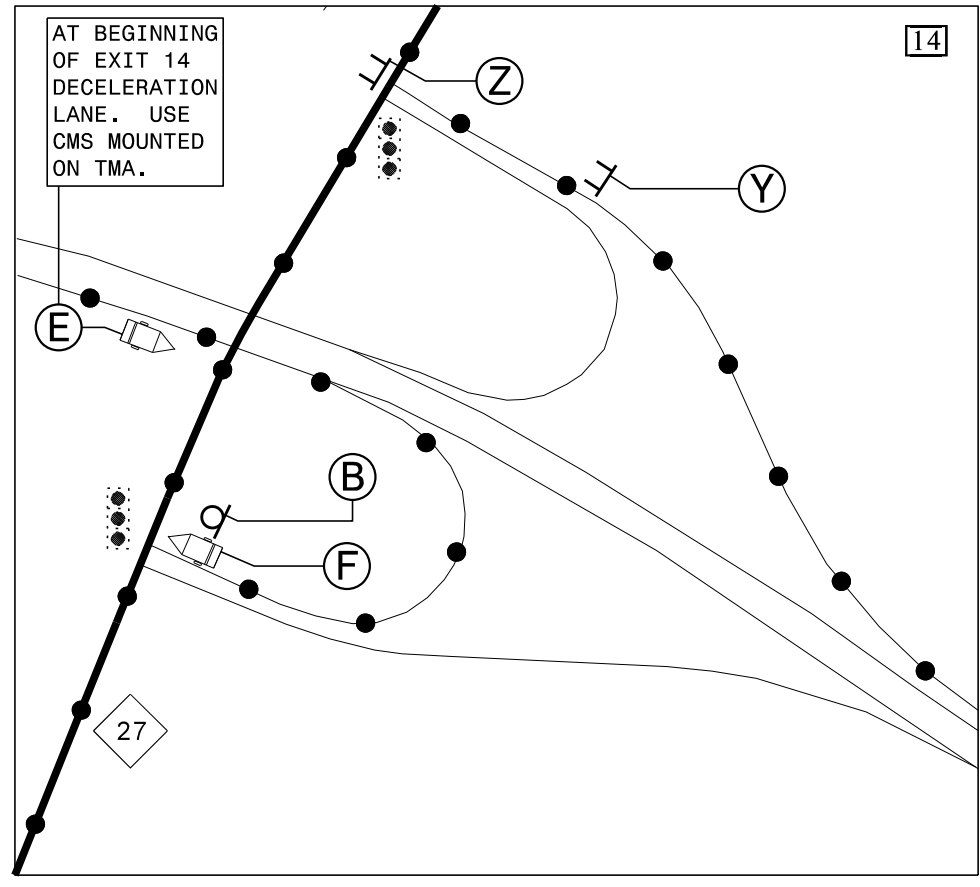
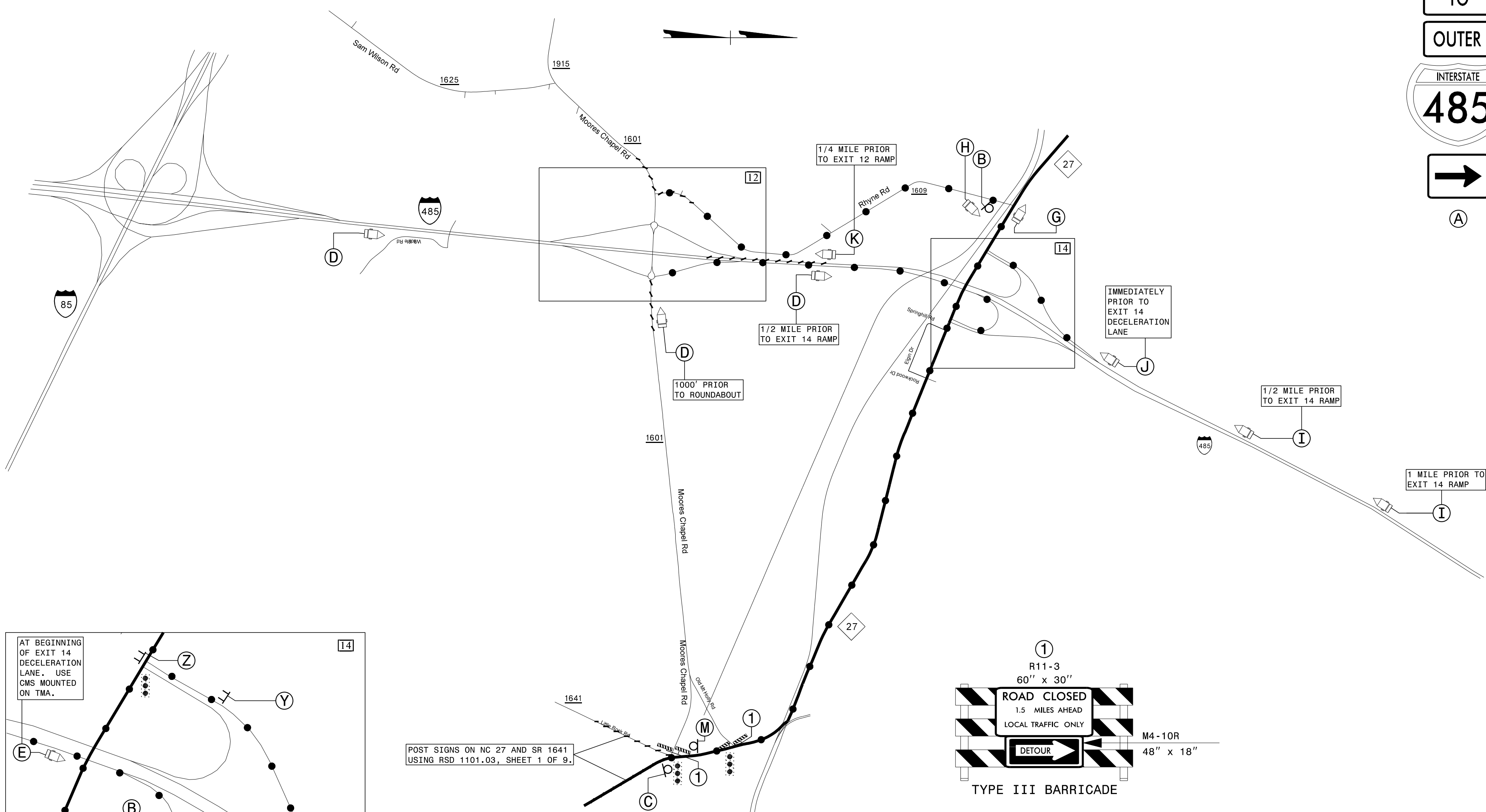
SUMMARY OF QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	PATCHING EXISTING PAVEMENT TONS	1'-6" CURB & GUTTER (Std. 846.01) LF	RETROFIT EXISTING CURB RAMP (Std. 848.06) EA	6" DRIVEWAYS (Std. 848.02, 848.03) SY	12" Concrete Truck Apron SY	REMOVAL OF CONCRETE CURB LF	Removing Existing Concrete Truck Apron SY	ADJ. OF MANHOLES EA	ADJ. OF METER OR VALVE BOX EA	PORTABLE LIGHTING LS	TEMP. SILT FENCE LF	STONE FOR EROSION CONTROL, CLASS B TN	SEDIMENT CONTROL STONE TN	WATTLE LF	POLY-ACRYLAMIDE (PAM) LB	
10CR.20601.229	Mecklenburg	15	STEVENS MILL RD (SR-3180)	FROM UNION COUNTY LINE TO END OF MAINTENANCE	1,6	2		NO	NO	0.485	23	44			20							73	10	5	15	1	
TOTAL FOR PROJ NO. 10CR.20601.229										0.485	44	44			20				1		73	10	5	15	1		
10CR.20601.230	Mecklenburg	16	MARGLYN DRIVE (SR-3178)	FROM SR-3177 (MT HARMONY CHURCH RD) TO EOM	2,7	2		NO	NO	0.504	22	352			50							76	10	5	15	1	
TOTAL FOR PROJ NO. 10CR.20601.230										0.504	352	352			50				1		76	10	5	15	1		
10CR.20601.234	Mecklenburg	17	REEDY CREEK RD (SR-2804)	FROM PVMT JT E OF SR-2805 (HARRISBURG RD) TO DEAD END	9,13,18,23	2		NO	NO	1.035	32	110		11								155	21	11	31	1	
TOTAL FOR PROJ NO. 10CR.20601.234										1.035	110	110		11					13		155	21	11	31	1		
10CR.20601.235	Mecklenburg	18	PALE HICKORY LN (SR-5071)	FROM SR-5069 (CLAYFORD RIDGE) TO DEAD END	12	2		NO	NO	0.113	24	88		2								17	2	1	4	1	
TOTAL FOR PROJ NO. 10CR.20601.235										0.113	88	88		2						17	2	1	4	1			
10CR.20601.236	Mecklenburg	19	HAMILTON JONES DR (SR-5803)	FROM SR-2804 (REEDY CREEK RD) TO SR-5859 (BELLHOOK DR)	9	2		NO	NO	0.235	32											35	5	3	7	1	
TOTAL FOR PROJ NO. 10CR.20601.236										0.235									1		35	5	3	7	1		
10CR.20601.237	Mecklenburg	20	HAMILTON JONES DR (SR-5803)	FROM SR-5859 (BELLHOOK DR) TO SR-2808 (CAMP STEWART RD)	13,19	2		NO	NO	0.208	28	220		1								31	4	2	6	1	
TOTAL FOR PROJ NO. 10CR.20601.237										0.208	220	220		1						31	4	2	6	1			
10CR.20601.238	Mecklenburg	21	CLAYFORD RIDGE (SR-5069)	FROM SR-2804 (REEDY CREEK RD) TO DEAD END	13,19	2		NO	NO	0.395	24	220		4								59	8	4	12	1	
TOTAL FOR PROJ NO. 10CR.20601.238										0.395	220	220		4						59	8	4	12	1			
10CR.20601.239	Mecklenburg	22	ROSA PARKS PL/CARRIER DR (SR-2179)	FROM BEATTIES FORD RD TO N LINWOOD AVE	2,7,10,20,21	2		NO	NO	1.512	33	88										227	30	15	45	1	
TOTAL FOR PROJ NO. 10CR.20601.239										1.512	88	88							18	1	227	30	15	45	1		
10CR.20601.240	Mecklenburg	23	N GRAHAM ST (SR-2540)	FROM ATANDO AVE TO US29/NC 49 (DALTON AVE)	14,22	4		NO	NO	1.719	42	880		24								0.10	258	34	17	52	1
TOTAL FOR PROJ NO. 10CR.20601.240										1.719	880	880		24						0.10	258	34	17	52	1		
10CR.20601.241	Mecklenburg	24	N GRAHAM ST (SR-2540)	FROM I-85 BRIDGE TO RACINE AVE	14,17	4		NO	NO	0.921	42	550		4								0.10	138	18	9	28	1
TOTAL FOR PROJ NO. 10CR.20601.241										0.921	550	550		4						0.10	138	18	9	28	1		
10CR.20601.242	Mecklenburg	25	ELM LN (SR-3649)	FROM NC-51 (PINEVILLE-MATTHEWS RD) TO PVMT JT S OF ELMSTONE DR	2,4,7,10,16,23	2		NO	NO	1.618	30	495		6								243	32	16	49	1	
TOTAL FOR PROJ NO. 10CR.20601.242										1.618	495	495		6					2		243	32	16	49	1		
10CR.20601.243	Mecklenburg	26	BRYANT FARMS RD/ELM LN (SR-3626)	FROM YMCA DRIVEWAY TO PVMT JT S OF MILLWRIGHT LN	2,4,7,10	2		NO	NO	0.986	32	385		5	60							148	20	10	30	1	
TOTAL FOR PROJ NO. 10CR.20601.243										0.986	385	385		5	60				2	11	148	20	10	30	1		
10CR.20601.244	Mecklenburg	27	ZOAR RD (SR-1105)	FROM SR-1102 (YOUNGBLOOD RD) TO SC LINE	2	2		NO	NO	0.823	24	385			30							123	16	8	25	1	
TOTAL FOR PROJ NO. 10CR.20601.244										0.823	385	385			30					123	16	8	25	1			
GRAND TOTAL										22.603	8,932	8,932	180	88	580	1,800	180	1,800	38	19	1.00	3,391	451	229	684	27	

PROJECT NO.	SHEET NO.	TOTAL NO.
10CR.10601.108, etc.	32	

THERMOPLASTIC AND PAINT QUANTITIES

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYP	LANES	LANE TYPE	LENGTH	WIDTH	4413000000-E	4510000000-N	4557000000-N	4685000000-E		4686000000-E		4695000000-E		4697000000-E	4700000000-E	4702000000-E	4705000000-E	4710000000-E	4721000000-E										
										WORK ZONE ADVANCE/GENERAL WARNING SIGNING	LAW ENFORCEMENT	TEMPORARY TRAFFIC CONTROL	4" X 90 M WHITE THERMO	4" X 90 M YELLOW THERMO	4" X 120 M WHITE THERMO	4" X 120 M YELLOW THERMO	8" X 90 M WHITE THERMO	8" X 90 M YELLOW THERMO	8" X 120 M WHITE THERMO	12" X 90 M WHITE THERMO	12" X 120 M WHITE THERMO	16" X 120 M WHITE THERMO	24" X 120 M WHITE THERMO	THERMO MSG ONLY 120 M	THERMO PAVEMENT MARKING CHARACTER (120 MILS)	THERMO MSG SCHOOL 120 M	THERMO RXR 120 M							
NO					NO					SF	HR	LS	LF	LF	LF	LF	LF	LF	LF	LF	LF	EA	EA	EA	EA									
10CR.10601.108	Mecklenburg	1	WILKINSON BLVD (US 29/74) WB	FROM PVMT JT W OF I-485 TO SR-1191 (OLD DOWD RD)	24,25	2		1.26	27	80		0.04	5,779	6,169	2,788									86										
TOTAL FOR PROJ NO. 10CR.10601.108										80		0.04	5,779	6,169	2,788									86										
													11,948		2,788																			
10CR.10601.109	Mecklenburg	2	E INDEPENDENCE BLVD (US 74) WB	FROM E OF WALLACE LN TO E WT HARRIS BLVD (NC 24)	26	3		0.531	36	80		0.04		3,143	1,772																			
TOTAL FOR PROJ NO. 10CR.10601.109										80		0.04		3,143	1,772																			
													3,143		1,772																			
10CR.10601.110	Mecklenburg	3	E INDEPENDENCE BLVD (US74) EB	FROM E OF WALLACE LN TO PVMT JT AT MCALPINE CREEK BRIDGE	26,27	3		1.12	36	80	120	0.04		5,609	4,009			1,121	355				149	16										
TOTAL FOR PROJ NO. 10CR.10601.110										80	120	0.04		5,609	4,009			1,121	355			149	16											
													5,609		4,009				1,121		355		149		16									
10CR.10601.111	Mecklenburg	4	N TRYON ST (US 29/NC 49)	FROM SR-2480 (W SUGAR CREEK RD) TO SR-2940 (EASTWAY DR)	15	6		1	72	80	40	0.04			1,063																			
TOTAL FOR PROJ NO. 10CR.10601.111										80	40	0.04			1,063																			
													1,063																					
10CR.10601.112	Mecklenburg	5	I-85 N ON-RAMP	FROM BEATTIES FORD RD TO PVMT JT AT I-85 N	8,11	1		0.102	18	80		0.04		319		240				275														
TOTAL FOR PROJ NO. 10CR.10601.112										80		0.04		319		240			275															
													319		240		275																	
10CR.10601.113	Mecklenburg	6	I-85 N OFF-RAMP	FROM I-85 N TO SR-2480 (SUGAR CREEK RD)	3,8	3		0.091	36	80		0.04	414	434	380			33		137				50										
		7	I-85 N ON-RAMP	FROM SR-2480 (SUGAR CREEK RD) TO I-85 N	8,11	1		0.114	30	80		0.04	561	539						107														
		8	I-85 S OFF-RAMP	FROM I-85 S TO SR-2480 (SUGAR CREEK RD)	8	3		0.065	48	80		0.04	363	327	287					95	109			48										
		9	I-85 S ON-RAMP	FROM SR-2480 (SUGAR CREEK RD) TO I-85 S	3,5,8,11	2		0.097	34	80		0.04	474	419	120					161														
TOTAL FOR PROJ NO. 10CR.10601.113										320		0.16	1,812	1,719	787			33		500	109			98										
													3,531		787		33		500		109		98											
10CR.20601.213	Mecklenburg	10	W SUGAR CREEK RD (SR-2480)	FROM US 29/NC 49 (N TRYON ST) TO BRIDGE OVER I-85	14,17	4		1.387	60	80	120	0.04		4,372	6,482	11,045			70	1,301				246										
TOTAL FOR PROJ NO. 10CR.20601.213										80	120	0.04		4,372	6,482	11,045			70	1,301			246											
													4,372		17,527		70		1,301		246													
10CR.20601.214	Mecklenburg	11	EQUIPMENT DR (SR-2621)	FROM SR-2480 (SUGAR CREEK RD) TO SR-2540 (N GRAHAM ST)	2,4,7,10,21	2		0.979	36	80		0.04	3,611		100	10,108								48										
TOTAL FOR PROJ NO. 10CR.20601.214										80		0.04	3,611		100	10,108						48												
													3,611		10,208																			
10CR.20601.217	Mecklenburg	12	ROBINSON CHURCH RD (SR-2822)	FROM SR-2826 (HOOD RD) TO ALANBROOK RD	2	2		1.555	22	80		0.04	16,262		24	13,742																		
TOTAL FOR PROJ NO. 10CR.20601.217										80		0.04	16,262		24	13,742																		
													16,262		13,766																			
10CR.20601.220	Mecklenburg	13	SCOTT FUTRELL DR (SR-1818)	FROM SR-5901 (BILLY GRAHAM PKWY) TO PVMT JT W OF SR-5901 (BILLY GRAHAM PKWY)	13	2		0.419	36	80		0.04			63	4,424																		
TOTAL FOR PROJ NO. 10CR.20601.220										80		0.04			63	4,424																		
													4,487																					
10CR.20601.228	Mecklenburg	14	MOORES CHAPEL RD (SR-1601)	FROM I-485 BRIDGE TO SR-1600 (MOORES CHAPEL LOOP)	2,3,4,28	2		3.329	22	80		0.04	33,458	454	615	32,884			205				30											
TOTAL FOR PROJ NO. 10CR.20601.228										80		0.04	33,458	454	615	32,884			205			30												
													33,912		33,499		205		30															

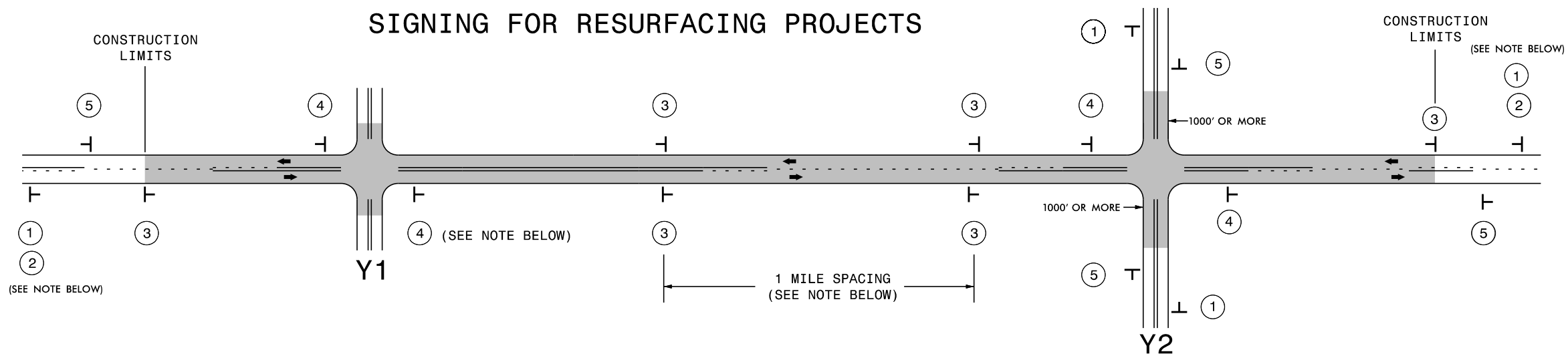


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APPROVED: *J. W. Woolard Jr.*
 DATE: 3/16/2015

MOORES CHAPEL RD DETOUR

SIGNING FOR RESURFACING PROJECTS



LEGEND	
T	STATIONARY SIGN
←	DIRECTION OF TRAFFIC FLOW

MAINLINE (-L-) SIGNING

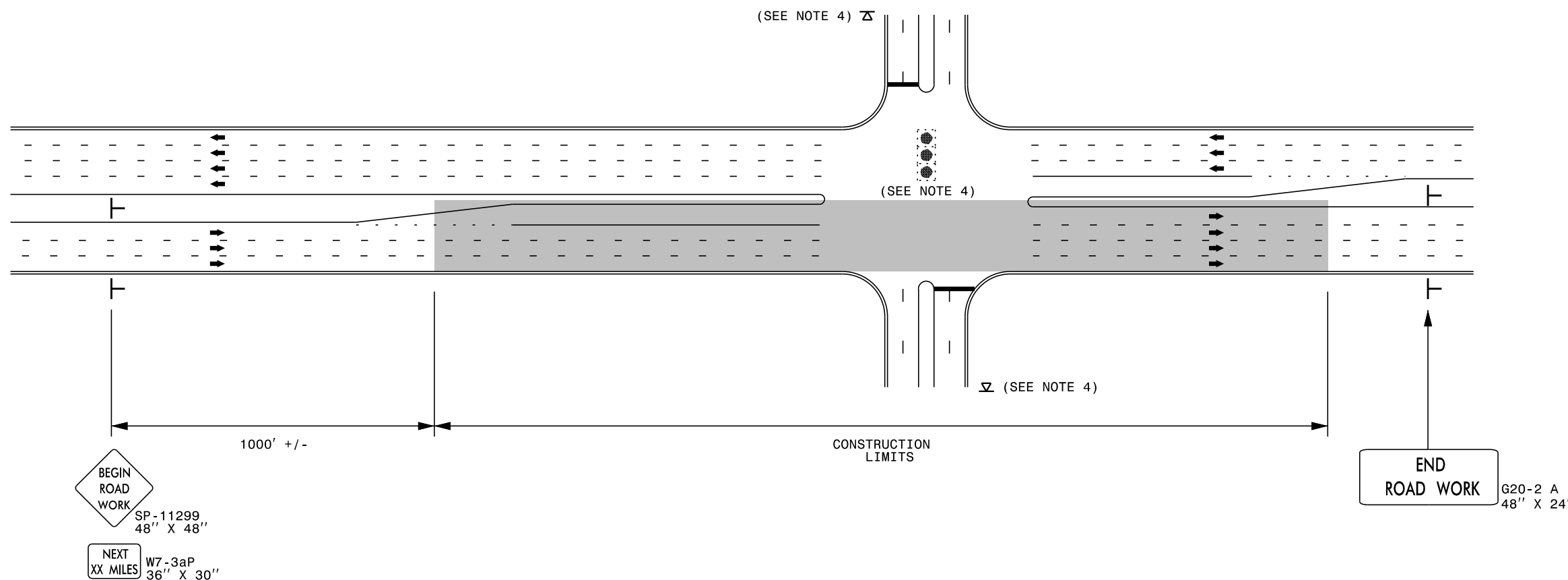
-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	MAINLINE (-L-) SIGNING	-Y- LINE SIGNING
①	<p>PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.</p>	<p style="text-align: center;">NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p>WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p style="text-align: center;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p>
②	<p>#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)</p>	
③	<p>PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.</p>	
④	<p>THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.</p>	
⑤	<p>PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.</p>	



RESURFACING
ADVANCE WARNING SIGNS
FOR
RURAL AND SUBURBAN
2 LANE ROADWAYS

URBAN / SUBURBAN WORKZONES



NOTES:

- 1) 48" x 48" SIZED SIGNS (SP- 11299) MAY BE REDUCED TO 36" X 36" ON ROADWAYS WITH SPEED LIMITS OF 40 MPH OR LESS.
- 2) MOUNT SIGNS THAT ARE LARGER THAN 10 SQUARE FEET IN AREA ON TWO OR MORE WOOD OR U-CHANNEL SUPPORTS. PERFORATED SQUARE TUBING SUPPORT SYSTEMS MAY SUPPORT LARGER AREAS ON A SINGLE SUPPORT. FOLLOW MANUFACTURER'S RECOMMENDATIONS. THESE SYSTEMS SHALL BE NCHRP 350 COMPLIANT AND NCDOT APPROVED.
- 3) ADVANCE WARNING SIGNS NOT REQUIRED ON NON-SIGNALIZED SIDE STREETS.
- 4) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION.
- 5) LATERAL CLEARANCE AT ALL SIGN LOCATIONS SHALL BE 2' AS MEASURED FROM THE EDGE OF PAVEMENT OR THE FACE OF THE CURB. WHEN UNABLE TO OBTAIN THE LATERAL CLEARANCE WITHIN THE MEDIAN AREA USE SHOULDER MOUNTS ONLY.
- 6) SIGN MOUNT LOCATIONS SHALL NOT BLOCK SIDEWALKS OR DRIVEWAYS.
- 7) IF STATIONARY GENERAL WARNING SIGNS ARE USED, THEY WILL BE PAID FOR PER SECTION 104 OF THE NCDOT STANDARD SPECIFICATIONS AS EXTRA WORK.
- 8) IF MILLED AREAS ARE NOT PAVED BACK BY THE END OF THE WORK DAY, PORTABLE SIGNS SHALL BE USED TO WARN DRIVERS OF THE PRESENT CONDITIONS. THESE ARE TO INCLUDE, BUT NOT LIMITED TO "ROUGH ROAD" W8-8, "UNEVEN LANES" W8-11, "GROOVED PAVEMENT" W8-15 w/MOTORCYCLE PLAQUE MOUNTED BELOW. THESE ARE TO BE DOUBLE INDICATED ON MULTI-LANE ROADWAYS WITH SPEED LIMITS 45 MPH AND GREATER WHERE LATERAL CLEARANCE CAN BE OBTAINED WITHIN THE MEDIAN AREAS. THESE PORTABLE SIGNS ARE INCIDENTAL TO THE OTHER ITEMS OF WORK INCLUDED IN THE TEMPORARY TRAFFIC CONTROL (LUMP SUM) PAY ITEM.

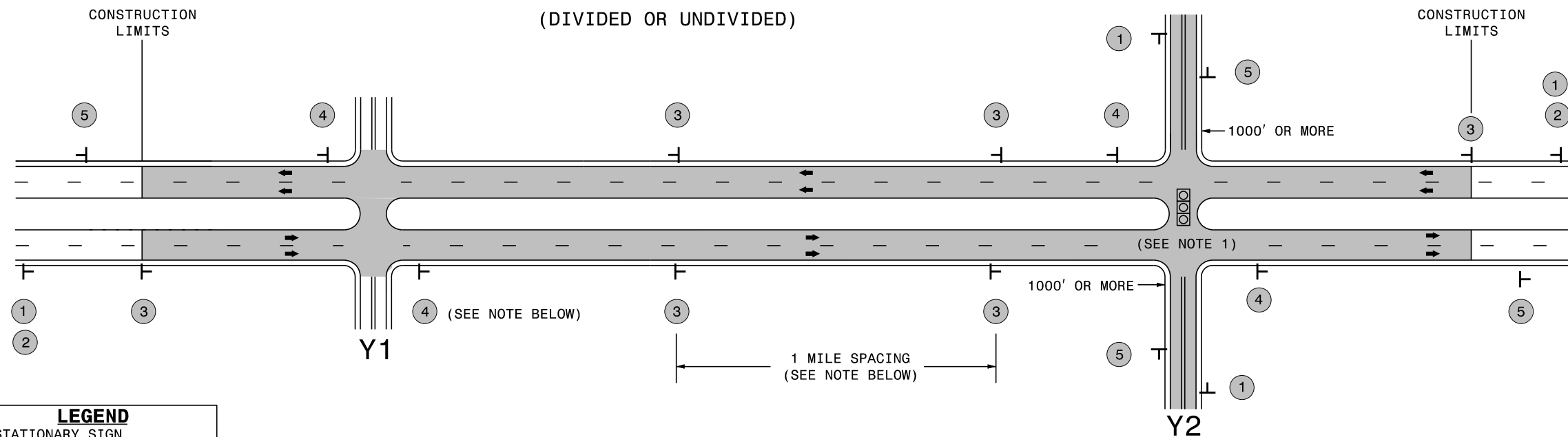
LEGEND

- STATIONARY SIGN
- DIRECTION OF TRAFFIC FLOW



**RESURFACING ADVANCE
WARNING SIGNS FOR
URBAN / SUBURBAN
FACILITIES**

SIGNING FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS WITH SHOULDER SECTIONS (DIVIDED OR UNDIVIDED)



MAINLINE (-L-) SIGNING

-Y- LINE SIGNING

SIGNING NOTES AND PLACEMENT PER DIRECTION	1	 <small>W20-1 48" X 48"</small>	PLACE 1000' PRIOR TO BEGINNING OF CONSTRUCTION LIMITS. ONLY USED ON -Y- LINES IF RESURFACING LIMITS EXTEND 1000' ALONG -Y- LINE.		
	2	 <small>W7-3aP 24" X 18"</small>	#2 SIGN ONLY USED WHEN RESURFACING LIMITS ARE 2 OR MORE MILES IN LENGTH. ROUND UP TO NEXT WHOLE NUMBER. (NO FRACTIONAL OR DECIMAL NUMBERS)		
	3	 <small>SP 13107 48" X 48"</small>	PLACE INITIALLY AT THE CONSTRUCTION LIMITS AND SPACED 1 MILE APART THEREAFTER. IF NO -Y- LINES EXIST, PLACE 2ND SET 1/2 MILE FROM THE CONSTRUCTION LIMITS AND THEN SPACE 1 MILE THEREAFTER.		
	4	 <small>SP 13106 48" X 48"</small>	THESE ARE FOR -Y- LINES THAT ARE "THROUGH" ROADWAYS. DEAD END AND SUBDIVISION ROADS ARE NOT "THROUGH" ROADWAYS. INSTALL 500' +/- FROM EACH -Y- LINE APPROACH AS SHOWN ABOVE. FOR MULTIPLE -Y- LINES THAT ARE SEPARATED BY 0.25 MILES OR LESS, TREAT AS A SINGLE UNIT AND INSTALL WITHIN 500' OF EACH APPROACH. A MAXIMUM OF 2 SIGN SETS PER MILE. DO NOT INSTALL WHEN -Y- LINES ARE WITHIN 0.5 MILES FROM "END ROAD WORK" SIGN.		
5	 <small>G20-2 A 48" X 24"</small>	PLACE 500' FOLLOWING THE END OF CONSTRUCTION LIMITS.	<p style="text-align: center;">NO REQUIRED STATIONARY SIGNING FOR THE FOLLOWING -Y- LINE CONDITIONS:</p> <ol style="list-style-type: none"> 1) LESS THAN 1000' OF RESURFACING ALONG -Y- LINE 2) SUBDIVISION ROADS 3) DEAD END ROADS <p style="text-align: center;">WHEN PAVING/CONSTRUCTION ACTIVITIES PROCEED ACROSS AN UNSIGNED -Y- LINE, ADVANCE WARNING PORTABLE SIGNS SHALL BE USED ALONG THE -Y- LINE AS SHOWN BELOW. REMOVE UPON COMPLETION OF WORK.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <small>W20-1 48" X 48"</small> </div> <div style="text-align: center;"> <small>W20-7 A 48" X 48"</small> </div> </div> <p style="text-align: center;">PLACED 500' IN ADVANCE OF FLAGGER. PLACED 250' IN ADVANCE OF FLAGGER.</p> <p>NOTES:</p> <ol style="list-style-type: none"> 1) MAY USE LAW ENFORCEMENT TO CONTROL TRAFFIC AT SIGNALIZED INTERSECTIONS AS DIRECTED BY THE ENGINEER. PROVIDE PORTABLE "ROAD WORK AHEAD" (W20-1) SIGNS 500' IN ADVANCE ALONG BOTH APPROACHES FROM THE SIDE STREETS WHEN PAVING PROCEEDS THROUGH THE INTERSECTION. 		



RESURFACING ADVANCE WARNING SIGNS FOR RURAL AND SUBURBAN MULTI-LANE ROADWAYS W/ SHOULDER SECTIONS (DIVIDED OR UNDIVIDED)

SIGN NUMBER: name TYPE: D BACKG COLOR: Blue COPY COLOR: White DESIGN BY: none CHECKED BY: DATE: Mar 13, 2015
PROJECT ID: ID DIV: DIV

QUANTITY: 1
SIGN WIDTH: 2'-0"
HEIGHT: 1'-0"
TOTAL AREA: 2.0 Sq.Ft.

SYMBOL	X	Y	WID	HT

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

BORDER R=1.5" TH=0.5"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
I	N	N	E	R							C 2000
2.4	1	1.4	4.7	4.7	4.1	3.4	2.4				19.2

FILENAME: 2015 Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: name TYPE: D BACKG COLOR: Blue COPY COLOR: White DESIGN BY: none CHECKED BY: DATE: Mar 13, 2015
PROJECT ID: ID DIV: DIV

QUANTITY: 1
SIGN WIDTH: 2'-0"
HEIGHT: 1'-0"
TOTAL AREA: 2.0 Sq.Ft.

SYMBOL	X	Y	WID	HT

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.5"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.063" (1.6 mm) ALUMINUM
LENGTH:

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

BORDER R=1.5" TH=0.5"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
O	U	T	E	R							C 2000
1.5	4.1	1.4	4.2	3.9	4.1	3.4	1.5				21.1

FILENAME: 2015 Sign Designs NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP15030 BACKG COLOR: Fluorescent Orange TYPE: STATIONARY COPY COLOR: Black DESIGN BY: MT CHECKED BY: DATE: Feb 27, 2015
PROJECT ID: DIV: 10

QUANTITY: SEE PLANS
SIGN WIDTH: 4'-0"
HEIGHT: 2'-0"
TOTAL AREA: 8.0 Sq.Ft.

SYMBOL	X	Y	WID	HT

BORDER TYPE: INSET
RECESS: 0.38"
WIDTH: 0.63"
RADII: 1.5"

NO. Z BARS: MAT'L: 0.080" (2.0 mm) ALUMINUM
LENGTH:

USE NOTES: 1,2
1. Legend and border shall be direct applied black non-reflective sheeting.
2. Background shall be NC GRADE B fluorescent orange retroreflective sheeting.

BORDER R=1.5" TH=0.63" IN=0.38"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
M	o	o	r	e	s						D 2000
11.8	5.8	4.4	4.6	2.8	4	2.8	11.8				24.4
C	h	a	p	e	l	R	d				D 2000
5.9	5.3	4.4	4.6	4.3	4.4	1	4	4.7	3.6	5.9	36.2

FILENAME: NORTH CAROLINA D.O.T. SIGN DETAIL

APPROVED: *Ron King*
DATE: 3/16/2015

SEAL 022959
ENGINEER
RONALD W. KING

DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
ZONE TRAFFIC CONTROL

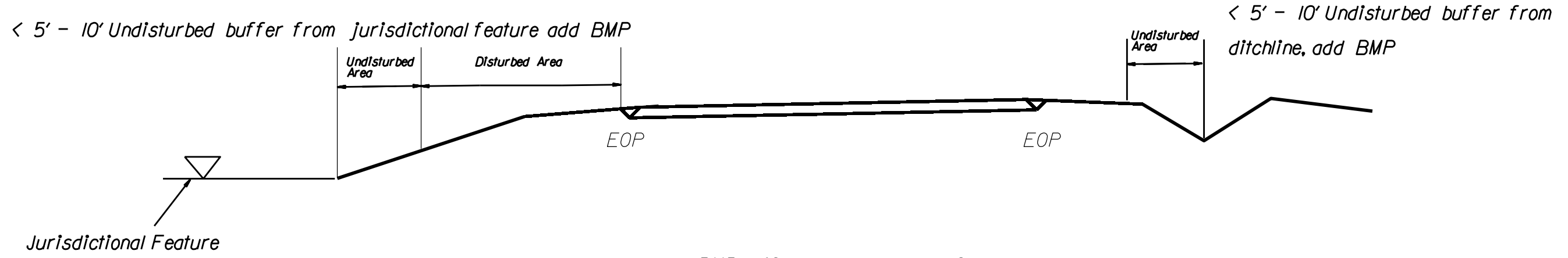
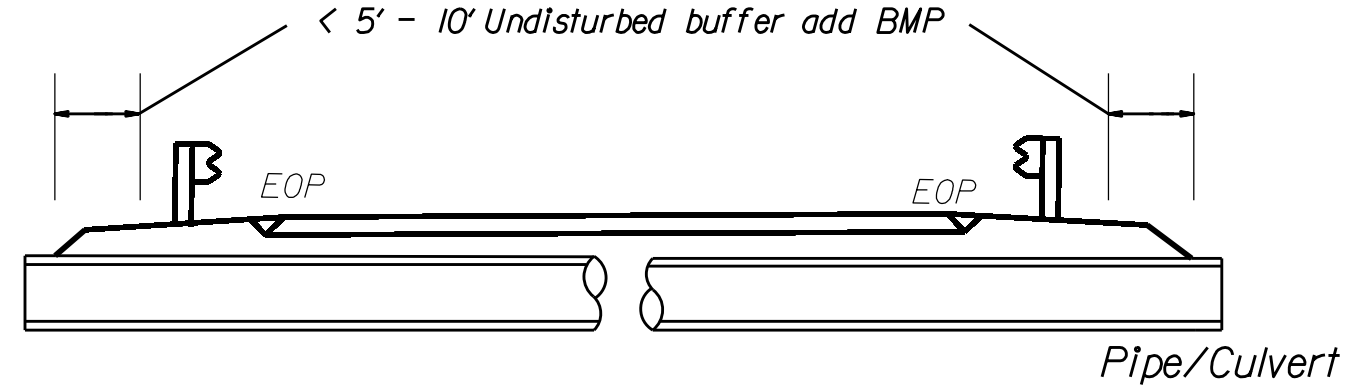
MOORES CHAPEL RD
SIGN DESIGN

3/16/2015 S:\T\U\WZTC\Resur-facing\2014 Western\2014_Div\0\203500\1-5318_47038.3\F_S\Mecklenburg\1-485_m_sh\Detours\TCP\Moores Chapel\2.dgn User:shassan

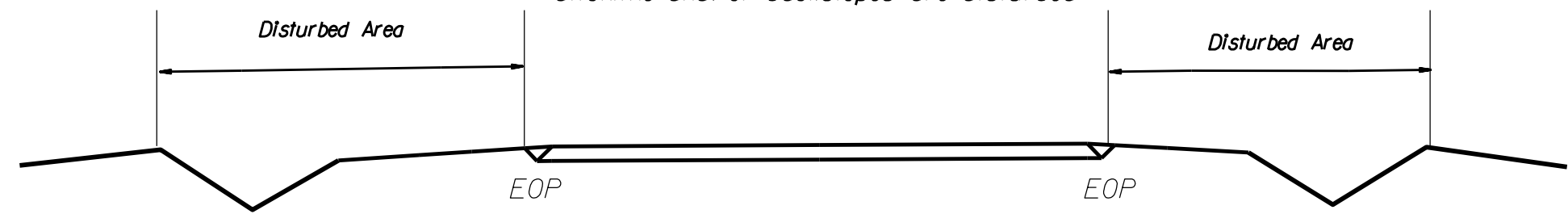
NOTES: Less than 5' - 10' undisturbed buffer from ROW, ditchline, water feature, or drainage inlet, add BMP.

BMP Options: Wattle or Silt Fence

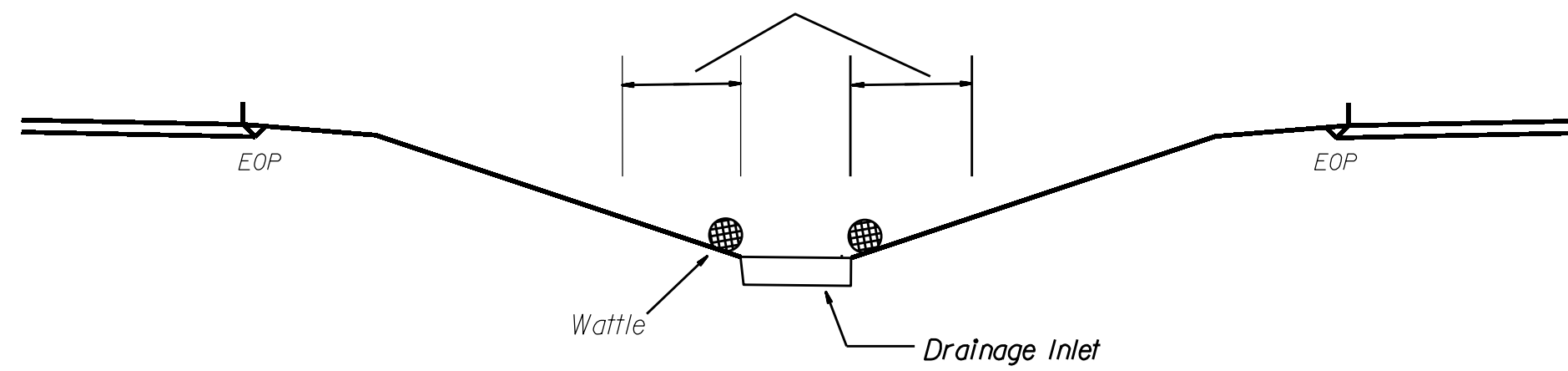
EROSION CONTROL DETAIL



Use BMP's if shoulders and/or frontslopes and/or ditchline and/or backslopes are disturbed

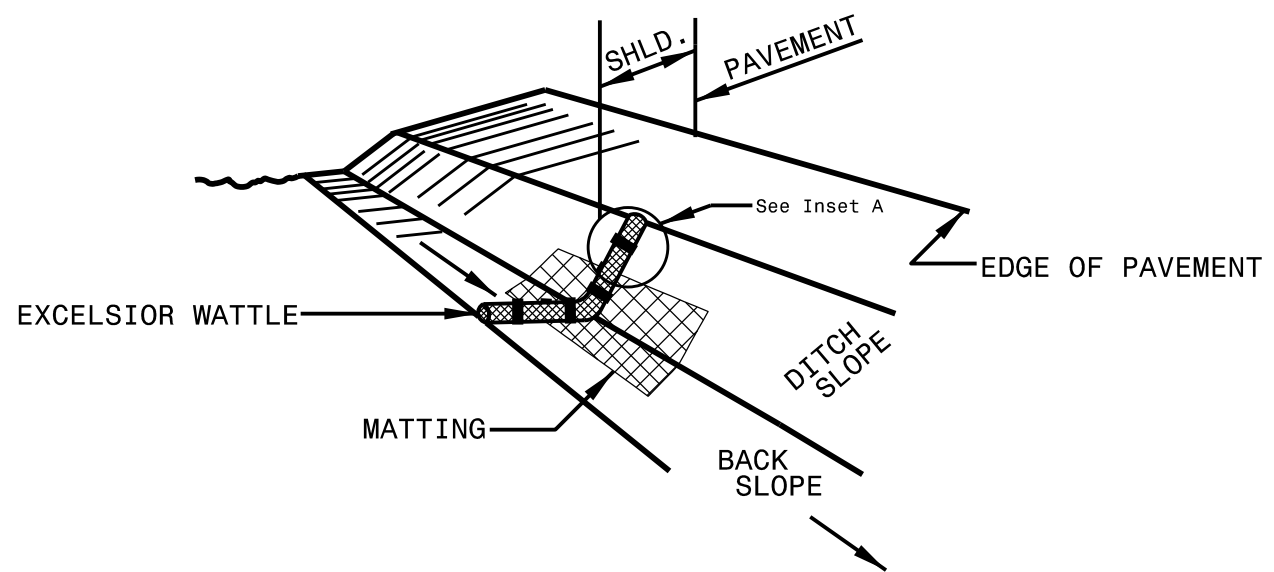


< 5' - 10' Undisturbed buffer from inlet, add wattle

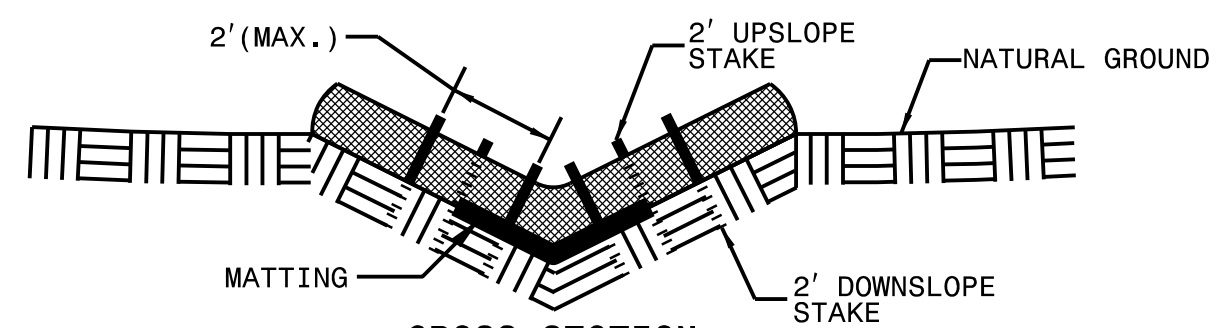


NOT TO SCALE

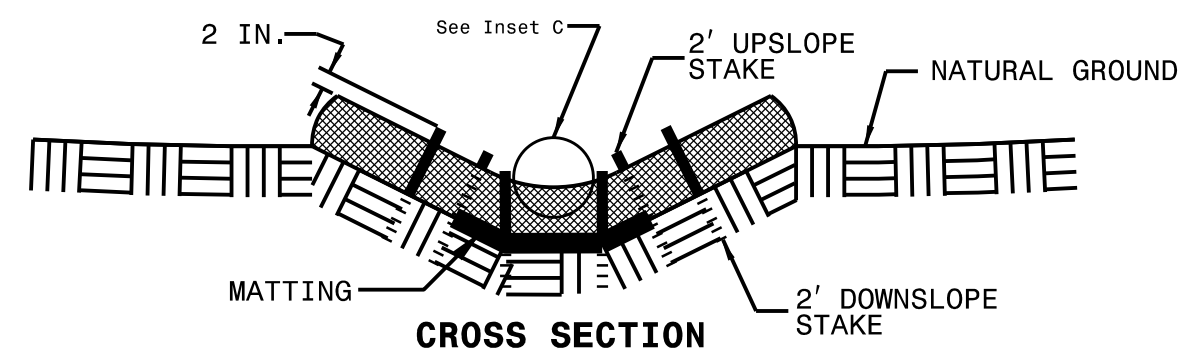
WATTLE WITH POLYACRYLAMIDE DETAIL



ISOMETRIC VIEW

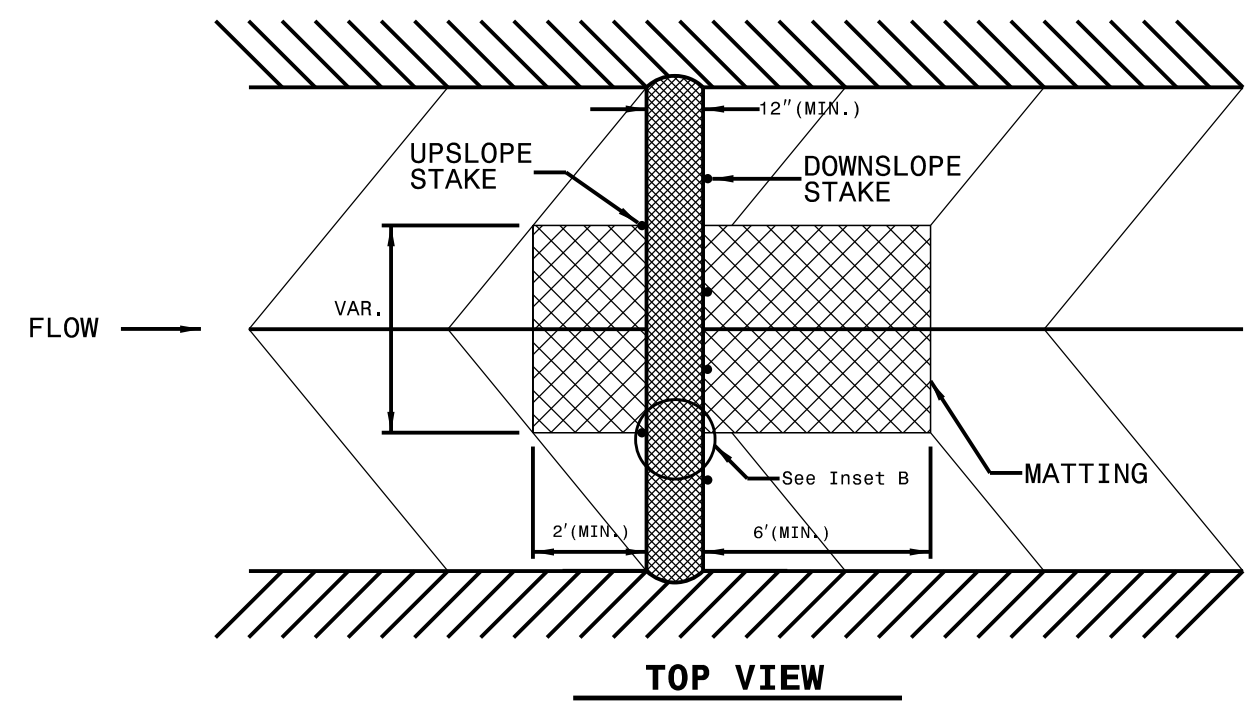
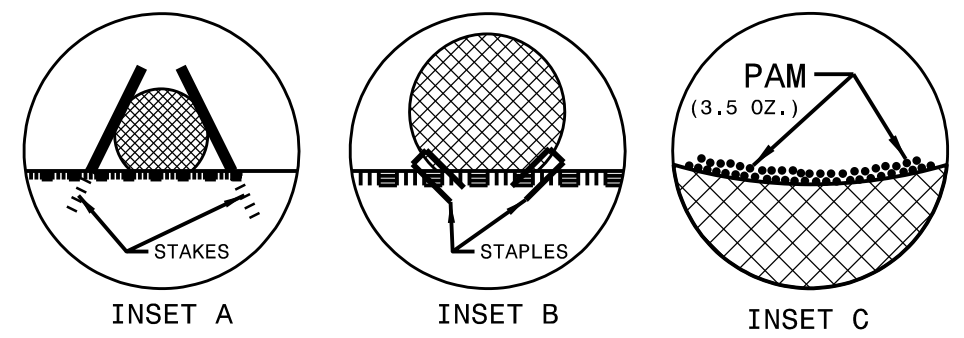


CROSS SECTION VEE DITCH



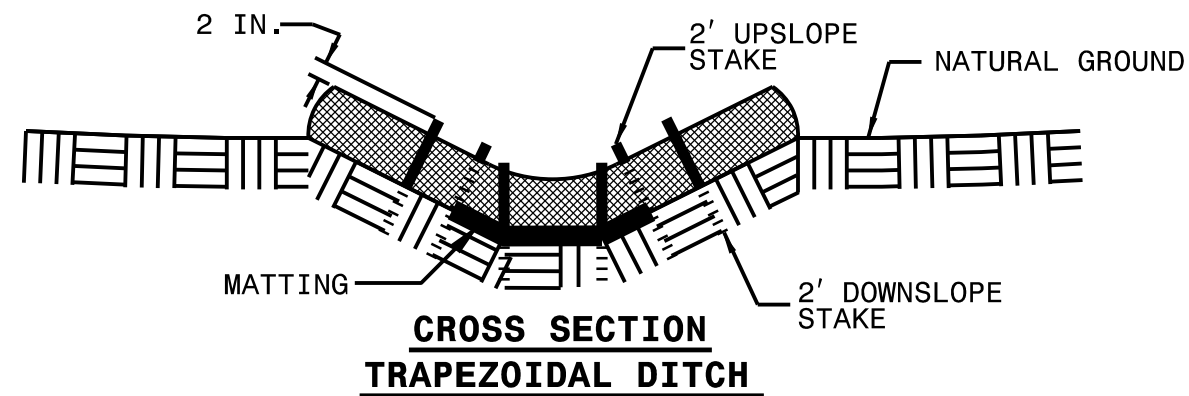
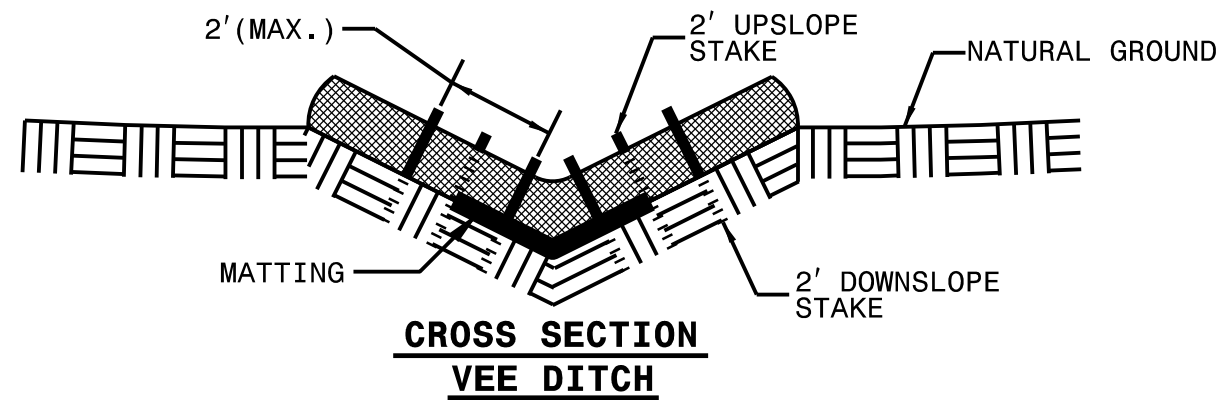
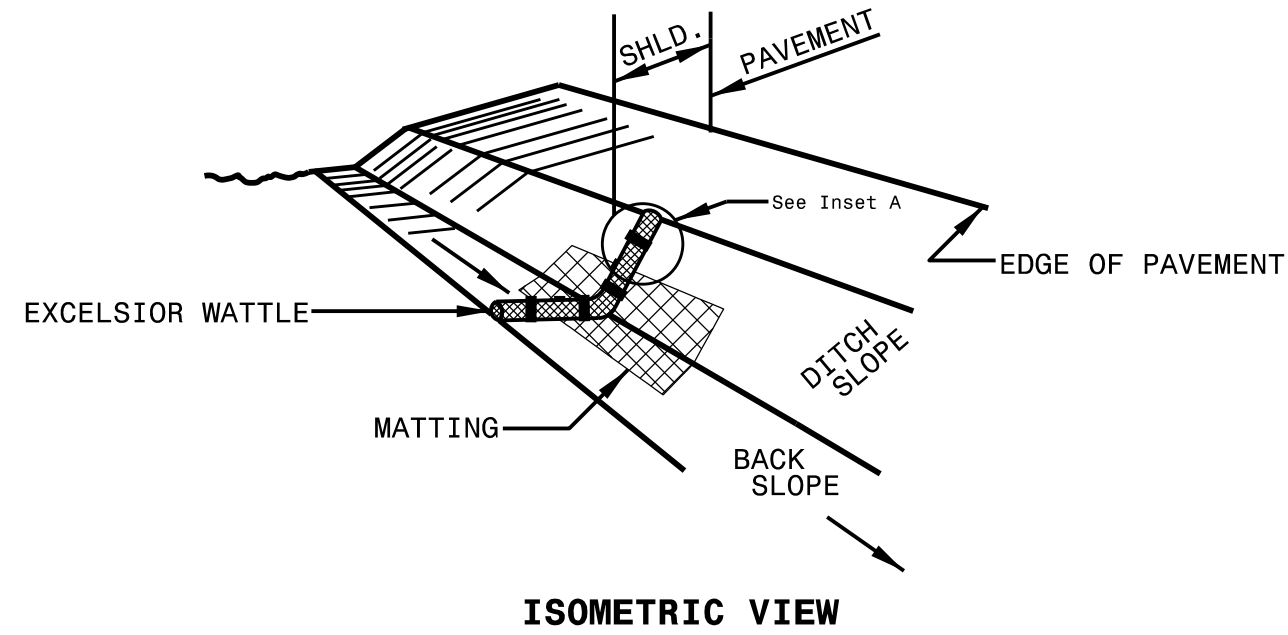
CROSS SECTION TRAPEZOIDAL DITCH

- NOTES:
- USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.
 - USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.
 - INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.
 - PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.
 - INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.
 - INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.
 - PRIOR TO POLYACRYLAMIDE (PAM) APPLICATION, OBTAIN A SOIL SAMPLE FROM PROJECT LOCATION, AND FROM OFFSITE MATERIAL, AND ANALYZE FOR APPROPRIATE PAM FLOCCULANT TO BE APPLIED TO EACH WATTLE.
 - INITIALLY APPLY 3.5 OUNCES OF ANIONIC OR NEUTRALLY CHARGED POLYACRYLAMIDE (PAM) OVER WATTLE WHERE WATER WILL FLOW AND AFTER EVERY RAINFALL EVENT THAT IS EQUAL TO OR EXCEEDS 0.50 IN.



TOP VIEW

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. CROSS SECTION.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.

